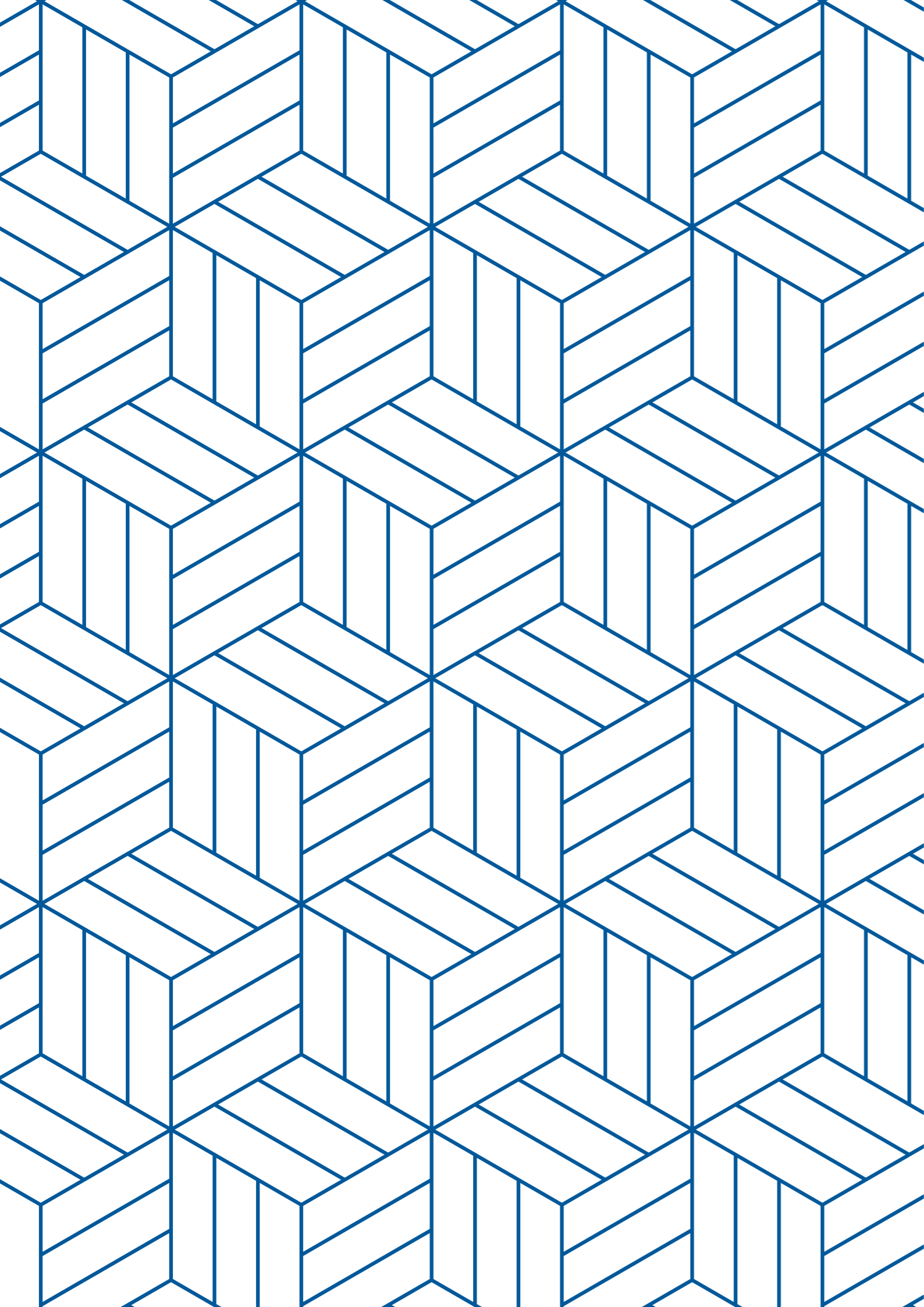




Our satisfaction is yours



BMS DENTAL

Our company

The long experience of our Group in the Dental field permits us to reinforce daily our image in the Italian and International markets.

The BMS Dental staff is a team of professionals operating with the aim to offer a very reliable and up to date product. We have a very highly specialized production plant offering a total guarantee to the client, operating with respect to the actual international criteria in the matter. An internal organism, with a chemical laboratory equipped with the most sophisticated technology and tools, performs daily controls on the quality of the product. The commercial office is a guarantee to our customers, having personnel with long experience in export, offering a perfect customer service. Periodically, we effect c/o our premises professional courses to upgrade the technical knowledge essential for a correct and appropriate use of our products. Both our chemical formulations of production materials and the technologies of our equipment are the results of 25 years of experience in dental field. Our task is to keep our standards of products regularly updated, offering our customers the highest quality.

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MATERIALS

Designed for use in dentistry

BMS Dental offers a wide range of products that includes almost every aspect of the daily activities carried out in dental clinics and laboratories that involve the use of dental materials. The wide choice allows to benefit of the latest technologies, with the safety and quality guaranteed by compliance with ISO, European and Italian standards, leaving the possibility to choose among the products that best suit the needs and requirements of the user, which be a dental clinic or a dental laboratory.





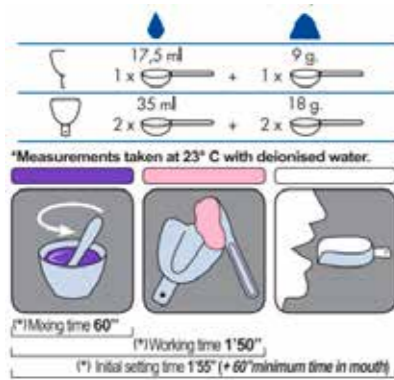
Code
4.019



PACKAGING

20 bags / Box

Bag Net weight: 450 gr



ITALGIN CHROMATIC ALGINATE

ITALGIN is a chromatic alginate for high precision impressions with high elasticity and resistance to tear. Lead and cadmium free.

Thanks to the chromatic phase indicator, preparation of the impression is greatly simplified, regardless the environmental conditions (including temperature/hardness of water) in which you are working.

Indications:

- Study models
- Antagonist
- Fixed and removable prothesis
- Temporary impressions

Usage and storage tips:

- During the preparation of the impression, pour first water then powder inside the bowl. This will reduce the air bubbles and improve the mixture quality. To mix: find BMS spatula and Bowl at p. 76.
- During the filling phase of the tray make sure that the material comes out of the perforations, in this way the grip between the material and the tray will be stronger.
- Rinse with water and disinfect impression before storing.
- Store in as dry place and not exposed to the sunlight, keep Italgin in the original envelope close with a clip.

TECHNICAL CHARACTERISTICS

Mixing Time	Working Time	Initial setting Time	Time in mouth	Reproduction of details	Elastic Recovery	Flavour
60"	1'50"	1'55"	Minimum of 60"	50	95,5%	Mint

Using deionized water at 23°C



DOSAGE



Silibest

Catalyst Gel

Code
4.135A



PACKAGING

Jar of 900 ml

+

1 spoon

SILIBEST

C-Type first impression silicon putty.

SILIBEST is a Silicon Putty polysiloxane based condensation-curing specially formulated for both two-stage putty/wash and one-stage putty/wash techniques. Very high viscosity and excellent reproduction of details. No release of toxic substances during and after curing.

Main Characteristics:

- Non Sticky material
- Easy Handling and Mixing
- High Compressive strength and recovery from deformation
- The combination of excellent initial flowing and final rigidity guarantees best results for all impressions
- Mint Flavour

TECHNICAL CHARACTERISTICS

ISO 4823	Mixing time	Working Time*	Minimum time in mouth	Recovery from Deformation	Strain compression	Linear dimensional change in 24 hours	Detail reproduction	Hardness Shore A	Colour
Type 0 - Putty	30"	1'20"	3'	99,75%	3,5%	-0,15%	40µm	53	Orange

*Recorded at 23 +/- 2°C and 50 +/- 10% relative humidity.



Code
4.136A

SILILIGHT

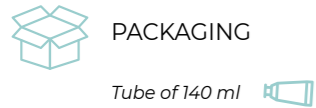
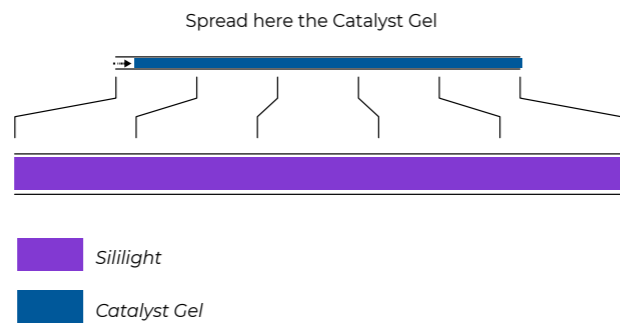
C-Type second impression silicon light body.

SILILIGHT is a light body silicon polysiloxane based condensation curing specially formulated for both two-stage putty/wash and one-stage putty/wash techniques. Low viscosity and excellent reproduction of details. No release of toxic substances during and after curing.

Main Characteristics:

- Easy Handling and Mixing
- Optimal initial fluidity for easy intraoral product flowing
- High Compressive strength and recovery from deformation
- Perfect reproduction of all details
- Orange Flavour

DOSAGE



TECHNICAL CHARACTERISTICS

ISO 4823	Mixing time	Working Time*	Minimum time in mouth	Recovery from Deformation	Strain compression	Linear dimensional change in 24 hours	Detail reproduction	Hardness Shore A	Colour
Type 3 - Light Body	30"	2'	3'30"	99,9%	4,5%	-0,2%	5µm	40	Purple

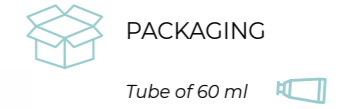
*Recorded at 23 +/- 2°C and 50+/-10% relative humidity.

CATALYST GEL

Catalyst gel for Silibest / Sililight / Sililab

Colour: Blue

Code	Item description
4.137 60ml	Catalyst Gel 60 ml



BMS Dental Type C silicones are also available in practical and convenient **SILIBOX** and **SILIKIT** formats. Furthermore, thanks to the printed mixing guide on our mixing pads, the phases of dosage and mixing of Sililight with the Catalyst Gel are extremely simplified, thus avoiding material waste.

SILIKIT

Code	Item description
4.13536K	Silibest 200 ml + Sililight 40 ml + Catalyst gel 15 ml

SILIBOX

Code	Item description
4.13536	Silibest 900 ml + Sililight 140 ml + Catalyst Gel 60 ml





Code	Hardness shore - A
4.134-80	80
4.134-92	92

SILILAB

C-Type Laboratory Silicon Putty, polysiloxane based C-Type Silicon for dental laboratory, to attain highest precision prosthesis' manufacturing. They have an optimal mix viscosity and workability. The long working time allows to manage the material with care, avoiding the risk to work on a silicone that is already setting.

- High reproduction of details.
- Great adherence to cyanoacrylate.
- High accuracy.
- High resistance to compression.
- Compatible with self-curing and non-acrylic resins.
- Resistant to heat.

Note: the product must be used with the Catalyst Gel at page 9. The recommended quantity for each Sililab 5 kg drum is 2 Catalyst Gel tubes of 60 ml.



PACKAGING

Drum of 5 kg

TECHNICAL CHARACTERISTICS

Hardness Shore-A (after 24 hours)	Colour	Mixing time	Working time*	Accuracy (µm)	Dimensional variation (after 24 hours)	Compressive strength	Heat resistance
80	Lilac	30"	2'30"	40	-0,1%	1,3%	Over 120°C
92	Aquamarine	30"	4'	50	-0,1%	0,7%	Over 120°C

Tested at 23°C



VINYLBEST

A-Type first impression silicon putty

VINYLBEST is a Silicon Putty vinyl polysiloxane based addition type for the highest precision in details reproduction, specially formulated for both two-stage putty/wash and one-stage putty/wash techniques. Very high viscosity. No release of toxic substances during and after curing.

Main Characteristics:

- Base and Catalyst easy mixing
- Fast setting time
- High hydrophilicity
- High tear resistance
- Excellent elastic properties
- Permanent dimensions stability
- Non sticky

Code

4.187



PACKAGING

300 ml Base
+ 300 ml Catalyst
+ 2 spoons

TECHNICAL CHARACTERISTICS

ISO 4823	Mxing Time	Working Time*	Minimum time in mouth	Elastic recovery	Resistance to compression	Dimensional change after 24 hours	Reproduction of details	Shore-A Hardness	Colour
Type 0	30"	1'15"	1'30"	99,9%	1,9%	-0,02%	25µm	63	Pink

*Measurement at 23 +/- 2°C and 50 +/- 10% relative humidity. Higher temperature reduces working and setting times and lower temperature prolongs working and setting times.



Code
4.191

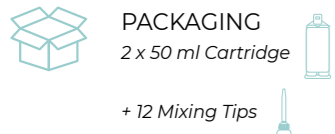
VINYLHEAVY

Heavy bodied consistency Vinyl Polysiloxane impression material

Vinylheavy is a high viscosity silicon vinyl polysiloxane based impression material addition type for the highest precision in details reproduction. Specially formulated for single step/double step impression techniques. No release of toxic substances during and after curing.

Main Characteristics:

- Easy dispensing (cartridges)
- High hydrophilicity
- Thixotropic
- High Tear Resistance
- Excellent elastic properties
- Permanent dimension stability
- Non Sticky



TECHNICAL CHARACTERISTICS

ISO 4823	Mxing Time	Working Time*	Minimum time in mouth	Elastic recovery	Resistance to compression	Dimensional change after 24 hours	Reproduction of details	Shore-A Hardness	Colour
Type 1	(automixing)	1'20"	60"	99,9%	4,4%	-0,02%	5µm	40	Light Green

*Measurement at 23 +/- 2°C and 50 +/- 10% relative humidity. Higher temperature reduces working and setting times and lower temperature prolongs working and setting times.



Code
4.189

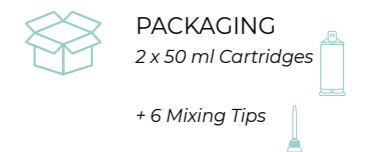
VINYLMONO

Medium consistency Vinyl Polysiloxane impression material

Vinylmono is an addition type, medium consistency silicon vinylpolysiloxane based impression material. For the highest precision in details reproduction. Specially formulated for single impression with monophasic technique. It can be used also as support material with Vinylight for a putty/wash or a sandwich technique.

Main Characteristics:

- Ideal viscosity for monophasic technique
- High details definition
- High hydrophilicity
- Thixotropic
- Fast setting time in mouth
- High resistance to tear
- High elastic recovery
- High dimensional stability over time
- Resistant to aseptic cleaners
- Mint flavour



TECHNICAL CHARACTERISTICS

ISO 4823	Mixing Time	Working Time*	Minimum time in mouth	Elastic recovery	Resistance to compression	Dimensional change after 24 hours	Reproduction of details	Shore-A Hardness	Colour
Type 2	(automixing)	2'	1'30"	99,9%	2,5%	-0,02%	5µm	60	Violet

*Measurement at 23 +/- 2°C and 50 +/- 10% relative humidity. Higher temperature reduces working and setting times and lower temperature prolongs working and setting times.



Code
4.188

VINYLIGHT

Light consistency Vinyl Polysiloxane impression material

Vinylight is a light body silicon vinyl polysiloxane based addition type for the highest precision in details reproduction, specially formulated for both two-stage putty/wash and one-stage putty/wash techniques. Low viscosity. No release of toxic substances during and after curing.

Main Characteristics:

- Easy dispensing (light body in cartridges)
- High hydrophilicity
- High tear resistance
- Excellent elastic properties
- Permanent dimensions stability
- Non sticky



PACKAGING
2 x 50 ml Cartridge
+ 12 Mixing Tips

TECHNICAL CHARACTERISTICS

ISO 4823	Mixing Time	Working Time*	Minimum time in mouth	Elastic recovery	Resistance to compression	Dimensional change after 24 hours	Reproduction of details	Shore-A Hardness	Colour
Type 3	(automixing)	1'20"	60"	99,9%	4%	-0,02%	5µm	47	Turquoise

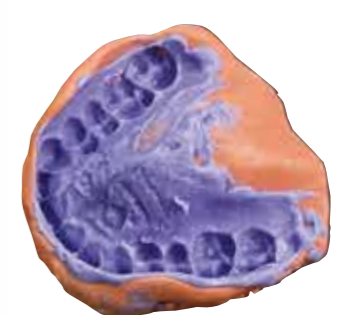
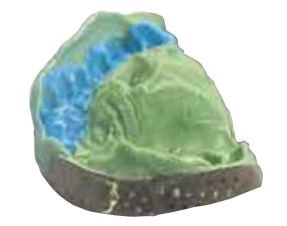
*Measurement at 23 +/- 2°C and 50 +/- 10% relative humidity. Higher temperature reduces working and setting times and lower temperature prolongs working and setting times.

VINYLKIT

From now on, also available the practical and convenient BMS Dental new adding-curing Silicones KIT pack.



Code	Item description
4.KITA	Vinylbest (Base 150ml + Catalyst 150ml) + Vinylight (50ml cartridge) + 6 mixing tips + 6 intraoral tips



**Code**

4.190

VINYLBITE**Medium consistency Vinyl Polysiloxane material for Bite****Registrations**

Vinylbite is an addition type silicone polyvinylsiloxane based, specifically formulated for bite registrations.

Main Characteristics:

- Scannable using CAD systems (optical/laser/tactile scanning systems)
- Easy handling and dispensing thanks to the 1:1 double-cartridge system
- Thixotropic
- High details definition
- Fast setting time
- High tear resistance
- Excellent dimensional stability in time, even in presence of high temperatures
- Special consistency for bite registrations
- Non-sticky



PACKAGING
2 x 50 ml Cartridges



+ 12 Mixing Tips

**TECHNICAL CHARACTERISTICS**

ISO 4823	Mixing Time	Working Time*	Minimum time in mouth	Dimensional change after 24 hours	Reproduction of details	Shore-A Hardness	Colour
Type B	(automixing)	45"	60"	-0,02%	5µm	95	Light Blue

*Measurement at 23 +/- 2°C and 50 +/- 10% relative humidity. Higher temperature reduces working and setting times and lower temperature prolongs working and setting times.



BMS GYPSUM TYPE III

Hard Gypsum for Models

The BMS DENTAL GYPSUM TYPE III is a high strength, quality prosthetic model stone for producing high grade models within the prosthetic dental laboratory. As a direct result of high surface density, model stone is ideal for use during the construction of chrome cobalt frameworks and antagonist models for occlusion. The high abrasive resistance prevents model distortion and ensures high final accuracy.



Code	Colour	Packaging
4.010-Y	Yellow	25 kg
4.010-Y 5K	Yellow	5 kg
4.010-B	Blue	25 kg
4.010-B 5K	Blue	5 kg
4.010-P	Pink	25 kg
4.010-P 5K	Pink	5 kg

BMS GYPSUM TYPE IV

Extra Hard Dental Die Stone

The BMS DENTAL GYPSUM TYPE IV is a high quality general purpose model stone for use in crown and bridge procedures. The easy flow characteristics during impression casting combined with low expansion and high surface density results in models suitable for all types of crown and bridge technical production. The BMS Dental Gypsum Type IV can also be incorporated for producing models, resistant to pressure, during injection moulding techniques with acrylic resin.



Code	Colour	Packaging
4.011-GB	Golden Brown	25 kg
4.011-GB 5K	Golden Brown	5 kg

TECHNICAL CHARACTERISTICS

BMS GYPSUM TYPE	Mixing ration	Mixing time (hand mix)	Mixing time (vacuum mix)	Working time	Setting Time (Vicat)	Setting expansion	Compressive Strength
III	24-26 ml water/100g Powder	1'	30'	5'	8'	0,20 %	571 kg/cm2
IV	20-22 ml water/100g Powder	1'	30'	7'	11'	0,10%	805,5 kg/cm2

BMS ISOLANT

BMS Isolant. For Gypsum models

Plaster coating solution. Easy application on the model with very fine film. Easily removable from the models. Perfect compatibility with the resin, it does not damage the material and/or change its colour.



Code
4.009



PACKAGING
Glass bottle of 500 ml

FILLING MATERIALS

BMS TEMPORARY FILLING

Temporary filling material

Calcium sulphate and zinc oxide plastic temporary filling material that hardens quickly under the influence of saliva.

Code
3.011



PACKAGING
Jar of 30 g



CEMENTS



CEMBEST

Glass Ionomer Luting Cement

Indications:

Crowns, bridges, inlays, onlays, posts, orthodontic bands

Characteristics and Advantages:

- Good mixing properties: easy to mix (hand mix) resulting in a creamy consistency liner.
- Good pulp and tissues acceptance
- Excellent adhesion: adheres to dentine and enamel without the use of chemical bonding liners
- Low film thickness
- Radiopaque
- Fluoride release: controlled release of fluoride ions - which in turn reduce the number of harmful microorganisms in the buccal cavity and reduce cavities
- Completely saliva resistant (no need the use of rubber dams saving time and effort)
- An increased working time that, while still retaining a rapid set, it allows the nurse/dentist to have more working time to use the cement and to prepare the crown/bridge which requires luting, if necessary
- A high level of translucency (translucency develops in the mouth)

Working Time (including Mixing): 3:30 min.
 Setting Time (Including Working): 7:30 min.

Code
3.012



PACKAGING
 35 gr. Powder, 20 ml Liquid,
 Powder Scoop, Mixing Pad



FILLBEST

Glass Ionomer Cement for filling and restorations

Indications:

Class V cavities (particularly erosion lesions),
 class III cavities, posterior cavities in deciduous teeth, 'sticky' pits and fissures

Features	Benefits
Excellent early translucency	Superior aesthetics
Exceptional strength	Long lasting restorations
Packable consistency	For ease of handling
High level of sustained fluoride release	Prevention of secondary caries
High wear and erosion resistance	Durable restorations
Universal Shade	Excellent tooth matching
Easy mixing	To reduce surgery time

Working Time: 1:57 min.
 Net Setting Time: 2:32 min
 Compressive Strength: 258 Mpa

Code
3.013



PACKAGING
 15 gr. Powder, 8 ml Liquid,
 Powder Scoop, Mixing Pad



Code

3.019

PROXEM TEMP C&B**For creating temporary crowns, bridges, inlays, onlays and veneers**

ProXem Temp C&B is an automatically mixed two component material in cartridges (4:1 ratio), based on multifunctional methacrylic esters.

ProXem Temp C&B is a very easy and comfortable material for creating short- and long-term temporary crowns or bridges, inlays, onlays and veneers. Thanks to its flexibility, the material is especially suitable for longer bridge spans. ProXem Temp C&B shows fluorescence like the natural tooth and it's free from methyl methacrylate.

Features:

- high fracture resistance
- methyl methacrylate free
- low temperature increase, during setting
- natural fluorescence for aesthetics
- easy to trim and polish
- easy handling and automix application (mixing ratio 4:1)



PACKAGING

Cartridge 50 ml (4:1)



+ 10 mixing cannulas



Code

3.020

PROXEM TEMP-LUTING**For temporary cementing of crowns or bridges**

ProXem Temp-Luting is an automix non-eugenol temporary crown and bridge cement. It shows excellent adhesion to temporary crown and bridge materials, at the same time it can be removed from the tooth without leaving any residue. Due to its non-eugenol formula, it does not influence the setting of resin-based filling and luting materials.

Features:

- Eugenol-free
- Optimal adhesion
- Residue stays only in the crown. Cementation of final restoration is not affected
- Seals the core without contamination
- Temporary can be worn over long periods
- Time saving
- Easy, bubble-free mixing and untouched application with automix syringe system



PACKAGING

5 ml syringe



+ 5 mixing cannulas

**Mechanical and physical Properties**

Compressive strength (Mpa)	Film Thickness (µm) ISO 3107 (max film thickness 25 µm)	Working time (min)	Setting Time at 37°C (min)
10	7	> 1:00	2:00 – 3:00



NEW!

Code

3.022

PROXEM RC FILLING

Dual cure permanent material for root canal sealing and filling material (4:1 ratio)

ProXem RC Filling is a dual cure flowable root canal sealing and filling material based on methacrylates. The hydrophilic properties of ProXem RC Filling allow a very good adaptation to the root canal walls. Sealing of the root canal is excellent due to the very low shrinkage and optimized filling of ProXem RC Filling. ProXem RC Filling shows an excellent radiopacity, which makes radiological examination easier. In case of temporary fillings, ProXem RC Filling can be easily removed from the root canal.

Features:

- low shrinkage
- easily revisable if necessary
- strong radiopaque
- excellent biocompatibility
- dual cure mode for surface curing
- easy handling and automix application (mixing ratio 4:1)



PACKAGING
5 ml syringe



+ 5 mixing cannulas



NEW!

Code

3.027

PROXEM CH LINER

For indirect pulp capping or lining of cavities for following filling procedures

Proxem CH Liner is a light-curing, radiopaque liner with calcium hydroxide. It has an excellent compressive strength. Humidity and high temperature shorten the hardening time in the mouth. Proxem CH Liner creates inside the cavity a resistant and stable layer where the final restoration can be applied.



PACKAGING
3 ml syringe



+ 6 needle tips
(gauge 18)

Mechanical and physical Properties

Compressive strength (Mpa)	Filler content on total weight	Curing time (Secs)	Working time with full operating light (min)
180	50%	40	> 1:00

ARTICULATING PAPERS

Articulating papers are used to identify contact points between the maxillary and mandibular teeth during all forms of natural tooth occlusal adjustments and dental prosthesis insertions. BMS Dental Articulating papers help the dentists to restore properly functioning of bite occlusion. Each strip has excellent marking properties thanks to its thickness and flexibility, suitable to simultaneously reach any cusps and cavities, even on moist surfaces. Vibrant colours ensure clear and precise contact identification and blue/red helps differentiate the markings of the maxillary from the mandibular arch.

Based on the level of details required and intended use, BMS Dental has different version available:

ARTICULATING PAPER - Straight version 80µ, blue/red colours

Main Characteristics:

- Paper thickness: 80 µ
- straight, 20 x 105 mm
- thin and tear-resistant
- deep colours for good marking
- good marking properties on moist occlusal surfaces (gold, ceramic, polished metal, acrylic)

Code

4.030



PACKAGING

Box of 12 books with 12 sheets



ARTICULATING PAPER 200 - straight version 200µ, blue/blue

Main Characteristics:

- Thin and tear-resistant material prevents incorrect or smeared contacts
- Very good marking properties on damp surfaces such as gold, ceramic, metal, acrylic
- Deep colours for good marking
- Especially useful for patients who tend to bite unilaterally during the occlusion test
- Thickness: 200 µ - ideal for rough occlusion analysis with heavy chewing loads
- Practically packaged in a hygienic plastic dispenser
- Pre-cut paper can easily be applied, size 18 x 53 mm

Code

4.030-200B



PACKAGING

Plastic box with 300 sheets



BMS 1**Modelling Wax for bites and palates**

Melting Point	Contents	Code	Colour	Hardness
61° C	450 g appr.	1.001-S	Pink	Soft
		1.001-H	Pink	Hard
		1.001-HR	Red	Hard

**BMS 7****Bites wax sticks**

Melting Point	Contents	Code	Colour	Hardness
63° C	50 bars	1.007-S	Yellow	Soft
		1.007-H	Red	Hard



RESIN



BMS 014

Resin Ordinary Cure 20 Minutes Process

Methyl Methacrylate co-polymer heat-curing.

EN ISO 20795-1 - Class I Type I - Lead and Cadmium Free

Applications: Full and partial dentures.


Available: Shade Pink, Shade Pink-Veined

Recommendation to obtain best result: To achieve optimum results when packing, the temperature should be between 22-35°C (72-95°F) maximum.



PACKAGING

KIT

Powder 500g 

+









Liquid 250 ml 

Available also in separate packages:

· powder: 500 g, 1kg in aluminium bag; 5 kg, 50 kg in drum

· liquid: 250 ml, 500 ml in glass bottle; 5 lts, 190 lts in drum.

Bms hot liquid is an universal liquid.

Packaging	Code	
	Shade Pink	Shade Pink-Veined
KIT Powder 500g + Liquid 250ml	02.014-1	02.014-2
 Powder 500g	02.014-P 500G	02.014-PV 500G
 Powder 1 Kg	02.014-P 1K	02.014-PV 1K
 Powder 5 Kg	02.014-P 5K	02.014-PV 5K
 Powder 50 Kg	02.014-P 50K	02.014-PV 50K
 Liquid 250 ml	02.014-L 250ML	
 Liquid 500 ml	02.014-L 500ML	
 Liquid 5 lts	02.014-L 5L	
 Liquid 190 lts	02.014-L 190L	



BMS 015

Resin Repair material self-curing

Methyl-Methacrylate co-polymer cold self-curing.

EN ISO 20795-1 - Class I Type I - Lead and Cadmium Free

Applications: Repairing, Relining and Rebased of full and partial dentures. Partial dentures.

Available: Shade Pink, Shade Pink-Veined

NOTE: To obtain the best results beat the mixing container and/or put for polymerization in hot water (50°C - 122°F) under pressure (2 - 2,5 bars)

Packaging	Code	
	Shade Pink	Shade Pink-Veined
KIT Powder 500g + Liquid 250ml	02.015-1	02.015-2
Powder 500g	02.015-P 500G	02.015-PV 500G
Powder 1 Kg	02.015-P 1K	02.015-PV 1K
Powder 5 Kg	02.015-P 5K	02.015-PV 5K
Powder 50 Kg	02.015-P 50K	02.015-PV 50K
Liquid 250 ml	02.015-L 250ML	
Liquid 500 ml	02.015-L 500ML	
Liquid 5 lts	02.015-L 5L	
Liquid 190 lts	02.015-L 190L	



PACKAGING

KIT
 Powder 500g
 +
 Liquid 250 ml

Available also in separate packages:
 · powder: 500 g, 1kg in alluminium bag; 5 kg, 50 kg in drum
 · liquid: 250 ml, 500 ml in glass bottle; 5 lts, 190 lts in drum.
 Bms hot liquid is an universal liquid.



PACKAGING

KIT
 Powder 500g
 +
 Liquid 250 ml

Available also in separate packages:
 · powder: 500 g, 1kg in alluminium bag; 5 kg, 50 kg in drum
 · liquid: 250 ml, 500 ml in glass bottle; 5 lts, 190 lts in drum.
 Bms hot liquid is an universal liquid.



BMS 016

Resin Self-Curing for Orthodontia

Methyl-Methacrylate co-polymer cold self curing.

EN ISO 20795-1 - Class I Type I - Lead and Cadmium Free

Applications: Repairing and making orthodontic appliances

Available: Shade crystal.


NOTE: To obtain the best results beat the mixing container and/ or put for polymerization in hot water (50°C-122°F) under pressure (2-2,5 bars)

Packaging	Code	
	Shade Crystal	
KIT Powder 500 g + Liquid 250 ml	02.016-C	
Powder 500 g	02.016-P 500G	
Powder 1 Kg	02.016-P 1K	
Powder 5 Kg	02.016-P 5K	
Powder 50 Kg	02.016-P 50K	
Liquid 250 ml	02.015-L 250 ml	
Liquid 500 ml	02.015-L 500 ml	
Liquid 5 lts	02.015-L 5L	
Liquid 190 lts	02.015-L 190L	



Code
4.040

 PACKAGING
12 Spray Cans / Box

200 ml 

KRIOVIT - ICE SPRAY

Kriovit is suitable for vitality testing of teeth and for quick cooling impression/casting materials i.e. hydrocolloid etc.
Do not use directly on gingival mucous, danger of freezing.

Main characteristics:

- With pleasant scent of orange
- Precise spraying using application tubes



PROPHYX V - PROPHYLAXIS PASTE



Prophix V is prophylaxis paste with variable shape particles suitable for cleaning and polishing in professional teeth cleaning. The combined effects are granted using decreasing particles' size during treatment, starting with hard graining particles (cleansing effect) reaching particles with soft graining (polishing effect), each with different surface geometries. Prophix V removes plaque and colorations and prevents new build-up of tooth deposits. The initial RDA value is 220, reaching RDA value of 40 at the final stage.

Recommended use for professional only.

Main Characteristics:

- Variable shape particles combine excellent cleansing and polishing effects in one paste.
- The paste does not splash nor dry out.
- Contains 0.2 % sodium fluoride to strengthen the dental enamel.
- Paraben-free, Gluten-free, lactose-free, vegan.
- Optimized thixotropy for an easy application.

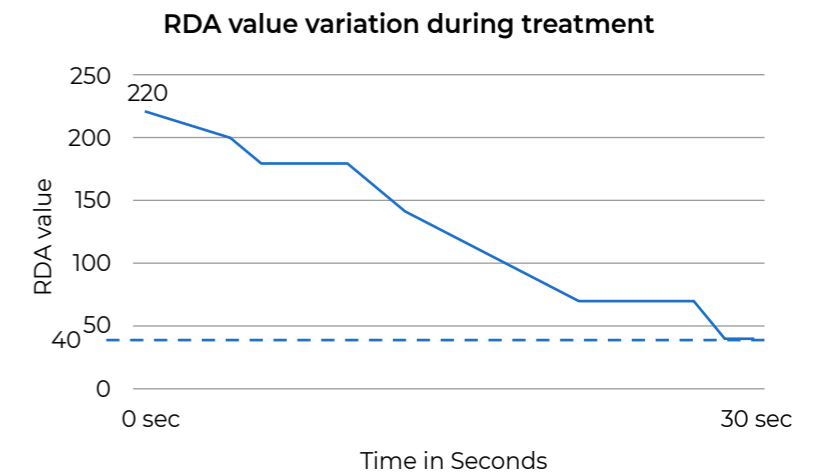
Code	Flavour
5.030-V	Mint
5.030-VBG	Bubble-Gum

 PACKAGING
Tube of 100 gr. 

TECHNICAL CHARACTERISTICS

Prophix V (mint)	
Colour	Blue
Starting RDA (grain)	220
ENding RDA (grain)	40

Prophix V (bubble gum)	
Colour	Red
Starting RDA (grain)	220
ENding RDA (grain)	40





Code
5.024

BMS WHITE 38%

Up to 8 shades whiter in just 30 minutes!

The BMS White 38% is a 38% Hydrogen Peroxide whitening gel suitable for medical whitening of teeth with dyschromias. The dyschromias may be caused by: medicines, fluorosis, food related stains alterations due to ageing. These cases require special medical measures to restore a healthy appearance of the teeth. The gel is applied directly onto the teeth. Single parts affected by dyschromias or devitalisations can be whitened at the same time. Reliable shelf-life of 24 months after production even for partially used syringes.

For patients older than 18 years of age.



PACKAGING

2 Syringes (4:1 ratio) 38% hydrogen peroxide whitening gel 2,5 ml each, 6 Mixing cannulas, 2 Syringes Light curing gingival protection 1,5 g each, 4 Flow tips



BMS HOME WHITENING

BMS home whitening gel is a ready-for-use tooth whitening gel for discolored vital and non-vital teeth, for the use in customized trays, available in different concentrations. The number of applications can be adjusted to the patient's needs. Thanks to the specific composition, BMS home whitening combines a gentle whitening with optimal results. Formulated to prevent sensitivity and dehydration of the teeth. First use in the dental clinic and then given to patient for home use. For patients older than 18 years of age.

Available concentrations:

- 10 % Carbamide Peroxide (~ 3,5 % Hydrogen Peroxide) for overnight application
- 16 % Carbamide Peroxide (~ 5,6 % Hydrogen Peroxide) for overnight or daytime application
- 22 % Carbamide Peroxide (~ 7,7 % Hydrogen Peroxide) for overnight application

BMS home whitening can also be used as follow-up treatment for BMS WHITE 38%.

USING BMS HOME WHITENING

Carbamide Peroxide concentration	Minimum time of application	Recommended time of use	Best result for regular discoloration	Indications
10 %	2 hours	4 hours or overnight	5 - 10 applications	Minor to regular discoloration, sensitive teeth
16 %	1 hour	3 hours or overnight	4 - 8 applications	Minor to regular discoloration, sensitive teeth
22 % carbamide peroxide not available in European Union				
22 %	45 min	2 hours or mornings and evenings for 45 min	3 - 8 applications	Regular to heavy discoloration, no sensitivity, for short-time wear

Code	Concentration
5.024-H10	10 %
5.024-H16	16 %
5.024-H22	22 % for extra-EU countries only



PACKAGING

4 Syringes BMS HOME WHITENING Gel 3 ml
 • 2 Bleaching foils (Tray sheets for production of customized whitening trays)
 • Tray box
 • Instruction for use.



INFECTION CONTROL

Each surface a solution

WHAT IS INFECTION CONTROL?

Infection control is the discipline concerned with preventing healthcare-associated infections, focusing predominantly on mitigation and reduction of risk of a potential outbreak within the medical and dental environments. Environmental hygiene is the main duty for the effectiveness of infection control. Sterilization techniques and disinfectants are the most effective tools in limiting transmission of pathogens through the surrounding environment.

Dental and medical clinics must have the necessary equipment to implement the standard precautions both for staff and for patients, continually exposed to a wide range of pathogenic micro-organisms, specifically: bacteria, viruses and fungi. It is vitally important to ensure a complete infection control range to minimise this ever-present threat.

The most significant precautions start from hand, instruments, devices and surfaces hygiene.

It is equally as crucial that the products are efficacious against a broad spectrum of pathogens, tested to the latest microbiological standards.





DISINFECTION

ALCOHOL BASED

Disinfection of medical devices

ALCOHOL BASED

Alcohol resistant surfaces are exploited in many areas within the dental clinic, for instance operating lamp handles. Unlike other alcohol-based disinfectants Cleanmed Ready and Cleanmed Wipes have undergone complete microbial testing to ensure efficacy against all enveloped Viruses including Coronavirus.





CLEANMED READY

Alcohol based spray, this disinfectant is specially formulated for surfaces of non-invasive medical devices.

- Alcohol based disinfectant (63% w/w / 70.5% v/v Ethanol);
- Virucidal against all enveloped Viruses including Coronavirus
- Effective against non-enveloped viruses Adenovirus and Norovirus
- Lemon fragrance



CONTACT TIME
See the summary table pp. 54 - 55






SOLUTION
Ready to use



EFFECTIVE SPECTRUM
Bactericidal, Yeastcidal,
Virucidal, Fungicidal,
Mycobactericidal, Tuberculicidal



PACKAGING
10 Triggler Spray Bottles / Box
2 Containers / Box

Code	Product Description
7.002-1L	 CLEANMED Ready 1L
7.002-5L	 CLEANMED Ready 5L
7.00D	 Dispenser Tap for Container 5L



CLEANMED WIPES

Alcohol based poly-sealed wipes, soaked with special formula for surfaces of non-invasive medical devices.

- Alcohol based disinfectant (63% w/w / 70.5% v/v Ethanol);
- Benefit of the physical action ensuring the disinfectant makes full contact with the surface;
- Wipes size: 200mm x 200mm
- Virucidal against all enveloped Viruses including Coronavirus
- Effective against non-enveloped viruses Adenovirus and Norovirus
- Refill pack available
- Lemon fragrance



CONTACT TIME
See the summary table pp. 54 - 55





SOLUTION
Ready to use wipes



EFFECTIVE SPECTRUM
Bactericidal, Yeastcidal,
Virucidal, Fungicidal,
Mycobactericidal, Tuberculicidal



PACKAGING
12 Tubs of 200 wipes / Box
12 Refill packs of 200 wipes / Box

Code	Product Description
7.004-D	 CLEANMED Wipes Dispenser
7.004-R	 CLEANMED Wipes Refill



DISINFECTION

ALCOHOL FREE

Even for the most delicate surfaces

ALCOHOL FREE

Alcohol sensitive surfaces are prevalent in the dental clinic, for instance: X-ray equipment, curing lamps, control panels, plexiglass and synthetic covering of dental chairs.

Cleanmed Ready Soft and Cleanmed Wipes AF are virucidal against all enveloped viruses including Coronavirus and are particularly suitable for disinfecting and cleaning sensitive surfaces to avoid discoloration, hardening, opacification or cracks, to preserve the value of the furniture and control the infection at the same time.



CLEANMED READY SOFT

Alcohol free spray, this disinfectant is specially formulated for surfaces of non-invasive medical devices.

- Virucidal against all enveloped Viruses including Coronavirus
- Compatible with materials and surfaces sensitive to alcohol
- Green apple fragrance



CONTACT TIME
For details see the Summary Table at pp. 54 - 55



SOLUTION
Ready to use



EFFECTIVE SPECTRUM
Bactericidal, Yeastcidal, Virucidal, Fungicidal, Mycobactericidal, Sporicidal



PACKAGING
10 Trigger Spray Bottles / Box
2 Containers / Box

Code	Product Description
7.003-1L	CLEANMED Ready Soft 1L
7.003-5L	CLEANMED Ready Soft 5L
7.00D	Dispenser Tap for 5L Container



CLEANMED WIPES AF

Alcohol free poly-sealed wipes, soaked with special formula for surfaces of non-invasive medical devices.

- Benefit of the physical action ensuring the disinfectant makes full contact with the surface;
- Wipes size: 200mm x 200mm
- Virucidal against all enveloped Viruses including Coronavirus
- Compatible with materials and surfaces sensitive to alcohol
- Refill pack available
- Green apple fragrance



CONTACT TIME
For details see the Summary Table at pp. 54 - 55



EFFECTIVE SPECTRUM
Bactericidal, Yeastcidal, Virucidal, Fungicidal, Mycobactericidal, Sporicidal



PACKAGING
12 Tubs of 200 wipes / Box
12 Refill packs of 200 wipes / Box

Code	Product Description
7.004AF-D	CLEANMED Wipes AF Dispenser
7.004AF-R	CLEANMED Wipes AF Refill



DISINFECTION

SPECIAL SURFACES

There are also disinfectants formulated for very specific tasks. Dental aspirators, dental instruments and even impressions require targeted disinfection. Our range of products also includes special surfaces disinfectants which will provide a suitable effect compared to the generic products.








CLEANMED SUCTION

For the daily cleaning and maintenance of dental aspirator systems.

- Chlorine, Aldehyde and Phenol free;
- Alkaline-based solution;
- Non-foaming and non-abrasive;
- Easy and accurate dosage system for different % solution;
- Effective also for the spittoon bowl

Suction systems are continually exposed to pathogenic agents and represents an hazard to dental staff and patients and to the functionality of suction system. The cleanliness and disinfection should take place frequently, at least once a day or everytime a surgery ends. The disinfectants should be material compatible to avoid damages to the system. For instance, chlorine-based disinfectants will cause corrosion of the suction system. BMS products are specifically formulated to be material compatible with a broad efficacy spectrum to preserve continual system functionality and cleanliness.

Code	Product Description
7.006-1L	 CLEANMED Suction 1L
7.006-5L	 CLEANMED Suction 5L
7.00D	 Dispenser Tap for 5L Container



CONTACT TIME

For details see the Summary Table at pp. 54 - 55



SOLUTION

Concentrated solution, to be diluted at 2%



EFFECTIVE SPECTRUM

Bactericidal, Yeastcidal, Virucidal, Fungicidal, Tuberculicidal



PACKAGING

6 Dispensing Bottles / Box



2 Containers / Box






CLEANMED INSTRUMENTS

Disinfecting concentrate for instruments, burs and endodontic instruments and items.

- Aldehyde and Phenol free;
- 99% biodegradable;
- Effective against a wide spectrum of pathogens;
- Easy and accurate dosage system for different % solution
- Geranium Aroma

Instruments disinfection is one of the main daily activities and one of the most vital for the patients protection. The basic requirements for a strong instrument disinfectant are material compatibility, a broad effective spectrum and anti corrosion inhibitors. Our products have been tested on a wide variety of materials for product compatibility and the sterilization process can be completed in combination with BMS autoclaves.

Code	Product Description
7.005-1L	 CLEANMED Instruments 1L
7.005-5L	 CLEANMED Instruments 5L
7.00D	 Dispenser Tap for 5L Container



CONTACT TIME

For details see the Summary Table at pp. 54 - 55



SOLUTION

Concentrated solution, to be diluted at 2%



EFFECTIVE SPECTRUM

Bactericidal, Yeastcidal, Virucidal, Mycobactericidal (4%), Tuberculicidal (4%)



PACKAGING

6 Dispensing Bottles / Box



2 Containers / Box







CLEANMED INSTRUMENTS ZYME

is a concentrated multi-enzymatic detergent solution formulated for the cleaning of surgical instruments and medical devices of hospitals, dentists and medical clinics. It's particularly effective in dissolving organic material (blood, saliva, protein, residues of biological tissue, bone fragments etc.)

- 3 enzymes (lipase-amylase-protease);
- Anti-corrosive and anti-rust properties;
- Anti-foaming components;

A deep and effective cleaning is directly linked to the effectiveness of the instruments' disinfection step. BMS Cleanmed Instruments Zyme is tested for the removal of inanimate, non-porous surfaces, used in combination with Cleanmed Instruments disinfectant the medic or dentist can reach high standards of decontamination and cleaning in the clinic.

Code	Product Description
7.011-1L	 CLEANMED Instruments Zyme 1L
7.011-5L	 CLEANMED Instruments Zyme 5L



CONTACT TIME
15 minute



SOLUTION
Concentrated solution to be diluted at 0,5% to 2%



PACKAGING
6 bottles/Box



2 containers / Box



Code
7.001



PACKAGING
12 Spray Cans / Box

500 ml



LUBRIOL - UNIVERSAL HANDPIECE OIL SPRAY

All-purpose Handpiece Lubricant Spray for maintenance of all dental handpieces including highspeed, slow speed and air motors.

Indications: Highly effective lubrication for all high and slow speed dental rotary handpieces. LUBRIOIL contains anti-rust agent that prevents micro rust on inner bearings. High penetrative ability to ensure thorough coating of bearing surface. Each can contains a high volume pressure to provide maximum bearing rotation during oiling. Clear in colour. Cans are compatible with the most renowned brands.



DISINFECTANTS SUMMARY TABLE

	Page	BACTERICIDAL	MRSA	E-Coli	Pseudomonas aeruginosa	Enterococcus Hirae	Staphylococcus Aureus	Salmonella Typhimurium	Legionella pneumophila	VRE	MYCOBACTERICIDAL	Mycobacterium Avium	TUBERCULIDAL	Mycobacterium Terrae	SPORICIDAL	Clostridium Difficile (C-Diff)	YEASTICIDAL	Candida Albicans	VIRUCIDAL	HIV1	H1N1 Influenza A	Hepatitis C Virus	Human Influenza B Virus	Adenovirus	Norovirus	Human T Cell Leukemia Virus (HTLV)	Hepatitis Delta virus (HDV)	Coronavirus (SARS, MERS, ...)	Filoviridae (Including Ebola)	Rubella Virus	Measles Virus	Herpesviridae	Flavivirus	Rabies Virus	Poxviridae	Hepatitis B virus	FUNGICIDAL	Aspergillus brasiliensis	Aspergillus niger				
Cleanmed Ready	42	✓	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	✓	1 min	✓	1 min			✓	1 min	✓	1 min		1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	✓	5 min				
Cleanmed Wipes	43	✓	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	✓	1 min	✓	1 min			✓	1 min	✓	1 min		1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	1 min	✓	5 min		
Cleanmed Ready Soft	46	✓	1 min	1 min	30 sec	30 sec	30 sec	1 min	5 min	1 min	✓	2 min		✓	5 min		✓	30 sec	✓	2 min		2 min	2 min	30 sec			2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	✓		30 sec
Cleanmed Wipes AF	47	✓	1 min	1 min	30 sec	30 sec	30 sec	1 min	5 min	1 min	✓	2 min		✓	5 min		✓	30 sec	✓	2 min		2 min	2 min	30 sec			2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	2 min	✓		30 sec
Cleanmed instruments (2%)	51	✓	15 min	15 min	15 min	15 min	15 min	15 min	15 min								✓	15 min	✓	15 min		15 min	15 min	15 min			15 min	15 min	15 min	15 min	15 min	15 min	15 min		15 min	15 min	15 min						
Cleanmed instruments (4%)	51	✓	15 min	15 min	15 min	15 min	15 min	15 min	15 min		✓	60 min	✓	60 min			✓	15 min	✓	15 min		15 min	15 min	15 min			15 min	15 min	15 min	15 min	15 min	15 min	15 min		15 min	15 min	15 min						
Cleanmed Suction	50	✓		15 min	15 min	15 min	15 min	15 min	15 min				✓	60 min			✓	15 min	✓	15 min			15 min																		15 min	✓	30 min



DAILY PERSONAL CARE

Take care of yourself with simple daily gestures

Skin and mouth are inhabited by many microorganisms, among them pathogenic microorganisms can hide and proliferate, responsible for a large number of diseases, from simple colds to the most serious one. The mouth is the main access to the body and it's frequently in contact with the hands.

Thorough washing, cleaning and rinsing, carried out in the right way and with a suitable product, it's sufficient to eliminate most part of these microorganisms.

To avoid hands from becoming a vehicle for pathogenic microorganisms and to protect your mouth, remember to wash your hands correctly and frequently and to daily wash and rinse your mouth.



CLEANMED HAND SOAP

CLEANMED HAND SOAP is a hand detergent soap based on lactic acid. Lactic acid is known as a natural plant-based product, completely biodegradable, with highly skin tolerance. Its acid pH protects the skin from external aggressions and thanks to its conditioning action leaves the hands soft.

- **Effectively reduces the bacterial and viral flora of the skin.**
- **Suitable for washing the hands of medical staff and dental surgeries** and for all those activities that require a high level of hand hygiene.
- **For professional use and for every daily situation where deep hand cleaning is necessary and recommended.**
- **Wash and rub the hands with Cleanmed handsoap a minimum of 60 seconds.**



PACKAGING

20 Bottles / Box



2 Containers / Box



Code	Product Description
7.008-500ML	 CLEANMED Hand Soap 500ml
7.008-5L	 CLEANMED Hand Soap 5L



CLEANMED HAND GEL

CLEANMED HAND GEL is a quick sanitizing gel for the hands, which does not need to be rinsed. The presence of 70% ethyl alcohol gives the product a particularly broad spectrum of antimicrobial action and a high ability to reduce the resident and transient bacterial flora of the skin.

- **Hand hygiene in the absence of water**, for every daily situation where cleaning and sanitizing of the hands is necessary or recommended.
- **It dries quickly and leaves your hands fresh and soft.** Ethyl alcohol (CH₃CH₂OH), the active ingredient contained in the hand sanitizer gel, belongs to the chemical group of aliphatic alcohols and is a colorless, clear liquid with a pleasant characteristic smell, which evaporates promptly.
- **Minimized the dehydrating effect of alcohol**, thanks to the formulation enriched with humectants and emollients for the skin. Contains substances of plant origin such as essential oil of bergamot and glycerin.
- **Indicated for the decontamination of the hands of dental and hospital operators**, as well as for all health professionals working in environments with a high risk of biological contamination.
- **For a correct effectiveness use Cleanmed Hand Gel a minimum of 20-30 seconds.**



PACKAGING

80 Mini-bottles / Box



20 Bottles / Box



2 Containers / Box



Code	Product Description
7.009-80ML	 CLEANMED Hand Gel 80ml
7.009-500ML	 CLEANMED Hand Gel 500ml
7.009-5L	 CLEANMED Hand Gel 5L



SOLUTION
Ready to use

CLEANMED MOUTHWASH

CLEANMED mouthwash exerts a continuous and prolonged anti-plaque action over time due to the ability of chlorhexidine to remain fixed on mucous membranes, gums and tooth enamel for a long time. It's particularly suitable for intensive anti-plaque treatments, treatment and maintenance of gum problems, minor operations, scaling and extractions. For professional use.

- **Chlorhexidine Solution at 0,2%;**
- **Alcohol free;**
- **It doesn't interact with cements, dental resins and composites, protecting them from alcoholic abrasion;**
- **Aloe Vera active ingredients to fight bad breath.**





PACKAGING
18 mini-bottles/Box



20 bottles/Box



Code	Product Description
7.010-250ML	 CLEANMED Mouthwash 250 ml
7.010-500ML	 CLEANMED Mouthwash 500 ml

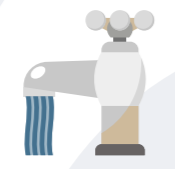


INSTRUMENTS DISINFECTION PROTOCOL



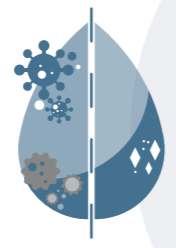
1 COLLECT AND TRANSFER TO A DEDICATED AREA
 the contaminated instruments must be immediately immersed in a decontaminating liquid and transferred to a dedicated area for disinfection.

2



WASH
 Manual or mechanical washing, in general, is a procedure which helps eliminating any residual dirt. The treatment in ultrasonic cleaner is prior to manual or automatic cleaning, as it allows the detachment of organic residues from surfaces that are difficult to reach. This procedure is not an alternative to washing. The MDs subjected to ultrasonic washing must be subsequently washed to remove the residues previously detached.

3



DECONTAMINATION
 It can take place in two ways:
 Automatic | Manual
 (The manual one must take place in containers suitable for the purpose or in dedicated tanks).
Regarding manual decontamination it is important to consider: the choice of the active principle of the disinfectant; the preparation of the disinfectant solution; the immersion phase which mainly concerns the contact time of the disinfectant with the instrument

4



FLUSHING
 After the washing procedures it is essential to carry out a thorough rinsing operation with running water, possibly demineralized, in order to remove all traces of disinfectant from the instrument.



6

INSPECTION AND MAINTENANCE
 The instruments must be scrupulously checked so that every single piece is properly clean.



5

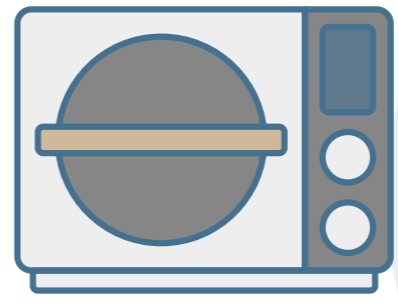
DRYING
 The presence of moisture on the surface of the equipment could be a condition for the natural development of microorganisms, so it's important in removing all traces of water.

7



PACKING/WRAPPING
 It is important to store the separate instruments in well-sealed pouches to avoid any contact with the outside environment and therefore any contamination.

8



STERILIZATION
 The final stage of the medical instruments' disinfection protocol is sterilization, a process that can be physical or chemical leading to the destruction of all forms of living microorganisms and residual biological agents. Sterilization can be completed with BMS Dental Class B Autoclave, combined with our sterilization control tests.



STERILIZATION

AUTOCLAVES

Our method of sterilization

Thanks to the BMS autoclaves it is possible to complete the sterilization protocol in a safe, effective, efficient and repeatable way over time, increasing the safety of the practice, optimizing resources thanks to a series of specific programs that improve sterilization performances and water and energy consumption.





Code	Volume of the chamber
5.013B	18 Lts
5.013B-23	23 Lts

CONDUCTIVITY METER FOR WATER CONTROL

The implementation of the conductivity meter protects the steam generator checking the quality of the water and preventing damage due to repeated use of bad quality water (this positively affect life-cycle of the entire device, that will last longer).

NEW!

STERIL MAXIMUM

Classification: B-Type autoclave designed and manufactured according to EN13060. Stainless-steel chamber.

- 19 different languages
- Fast steam system:
 - Initial pre-heating can be switch-off. The reduction of the total cycle time also leads to energy savings and an extension of the device's life-cycle.
- The management of door opening and closing, is vacuum-assisted with an electrical door lock; it guarantees the safety of the technician/medic;
- Software with a user interface, modern, simple and intuitive; provided also with an MTS (memory test system) a technical backup developed to assist the user with more reliable and faster diagnosis.
- 10 different sterilization cycles: 6 type-B cycles and 4 type-S cycles; according to the type of instruments, materials and condition (wrapped or unwrapped) the choices among 10 different cycles, each one for a specific load, grants a better sterilization result and savings in terms of energy and water. Each cycle can be treated as "night-cycle", the autoclave works in stand-by mode to save even more energy.
- 4 options for water supplying of clean water and dirty water tanks:
 - Automatic filling of clean water, through an (optional) external water purification system. Automatic and Manual draining of dirty water.
 - Manual filling of clean water.
 - Automatic and Manual draining of dirty water.
- BMS autoclave is very versatile. Adaptable to environments where a water purification system is not available.
- Printer: at any cycle, the autoclave starts a printing strip that reports all the values of the selected cycle type, model, and serial number of the machine, keeping the records of all the sterilization data ensure a reduction of related risks, both for the patient and for the dental/medical clinic.
- Optional USB Port (for digital data record-keeping).

TECHNICAL CHARACTERISTICS

MECHANICAL DATA	18 litres	23 litres
General dimensions (~)	505 x 400 x 615 mm	505 x 400 x 690 mm
Max. weight with empty tanks	52 kg	58 kg
Overall dimensions of the open door	350 mm	
Volume	Max 0.15 m ³	
Material	Stainless steel AISI 304 and/or 316 / S235JR	

ELECTRICAL DATA

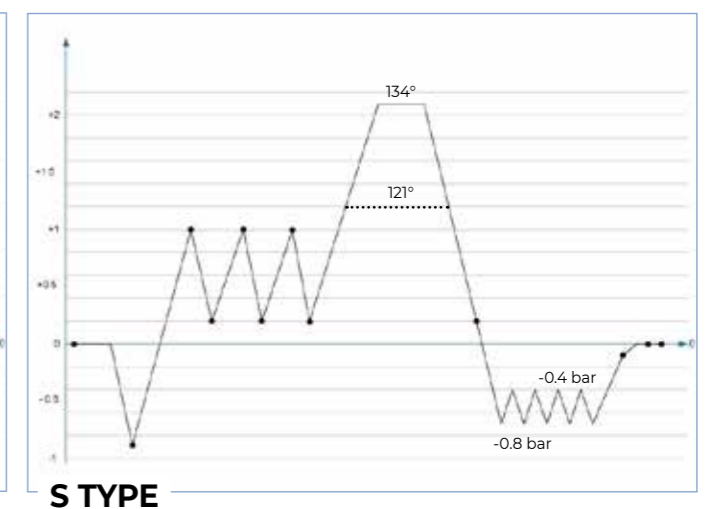
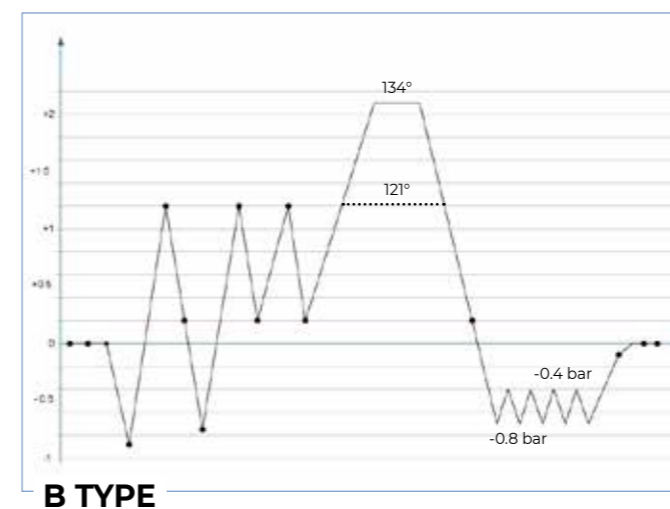
Supply voltage	230 Vac (+/-10%)
Power	2400 W
Frequency	50-60 Hz

CHAMBER DATA

Maximum operating pressure	relative 2.5 bar	
Maximum operating vacuum	relative -0.90 bar	
Maximum operating temperature	140°C	
Material	AISI 304 or 316 Stainless Steel	
Dimensions: Diam.xD	236 x 381.5 mm	236 x 530 mm

STERILIZATION CYCLES

STERIL MAXIMUM 18L AND 23L



STERIL MAXIMUM 18L

Temp. and name of cycles		Sterilizable loads ¹	Technical specs of the cycles ²				
					STR	DRY	TOT
134° B	Helix - B&D Test	Steam Penetration Test	-	03:30	04:00	~25m	0
-	Vacuum Test	Leak Detection Test	-	-	-	~15m	0
121° B	Hollow Wrapped	Solid load, small porous objects, simple hollow load and narrow lumen, multiple casing	✓	18:00	15:00	~50m	2.5
134° B	Hollow Wrapped		✓	05:00	15:00	~39m	2.5
121° S	Solids Wrapped	Solid load, small porous objects, simple hollow load	✓	18:00	10:00	~47m	2.5
134° S	Solids Wrapped		✓	05:00	10:00	~35m	2.5
134° B	Prion	Load related to the CreutzfeldtJakob disease	✓	20:00	15:00	~54m	2.5
121° B	Porous	Full porous load	✓	18:00	20:00	~60m	1.0
134° B	Porous		✓	05:00	20:00	~50m	1.0
121° S	Rapid	Solid load, small porous objects, simple hollow load	-	18:00	04:00	~41m	4.0
134° S	Rapid		-	05:00	04:00	~30m	4.0
134° B	Hollow Open	Solid load, simple hollow load and narrow lumen	-	05:00	04:00	~36m	4.0

- cycle suitable for sterilizing UNWRAPPED MATERIAL only
 ✓ cycle designed to sterilize wrapped material



STERIL MAXIMUM 23L

Temp. and name of cycles		Sterilizable loads ¹	Technical specs of the cycles ²				
					STR	DRY	TOT
134° B	Helix - B&D Test	Steam Penetration Test	-	03:30	04:00	~35m	0
-	Vacuum Test	Leak Detection Test	-	-	-	~15m	0
121° B	Hollow Wrapped	Solid load, small porous objects, simple hollow load and narrow lumen, multiple casing	✓	18:00	15:00	~60m	3.5
134° B	Hollow Wrapped		✓	05:00	15:00	~49m	3.5
121° S	Solids Wrapped	Solid load, small porous objects, simple hollow load	✓	18:00	15:00	~57m	3.5
134° S	Solids Wrapped		✓	05:00	15:00	~45m	3.5
134° B	Prion	Load related to the CreutzfeldtJakob disease	✓	20:00	15:00	~64m	3.5
121° B	Porous	Full porous load	✓	18:00	20:00	~70m	1.5
134° B	Porous		✓	05:00	20:00	~60m	1.5
121° S	Rapid	Solid load, small porous objects, simple hollow load	-	18:00	09:00	~51m	4.5
134° S	Rapid		-	05:00	09:00	~40m	4.5
134° B	Hollow Open	Solid load, simple hollow load and narrow lumen	-	05:00	09:00	~46m	4.5

- cycle suitable for sterilizing UNWRAPPED MATERIAL only
 ✓ cycle designed to sterilize wrapped material



BOWIE & DICK TEST

HELIX TEST



STERILIZATION

STERILIZATION CONTROL TESTS

and Accessories

The tests are intended to certify both the functioning of the autoclave and the successful result of sterilization.

The checks must be carried out systematically according to the internal protocol of the clinic. It is recommended to carry out the control tests with the following frequency:

- Every day, before starting to use the autoclave: Helix test (Hollow Load Test).
- Every day, before starting to use the autoclave: Bowie & Dick test (Porous Load simulation Test), must be performed only in case the sterilization of porous bodies is foreseen.
- Each sterilization cycle: verification test of the cycle parameters with sterilization indicators (Class 4 / Class 6).



BOWIE & DICK TEST

Test for B Class Autoclaves to control the steam penetration and air removal in porous loads. Only one tray necessary in the autoclave while executing this kind of test. Colour of the spiral must turn completely from yellow to black for a successful test result.

Code	Packaging
5.013-BDT	Single Pack



HELIX TEST

Test for B Class and S Class Autoclaves to control the steam penetration and air removal in hollow loads. Colour turns from yellow to black for the entire helix for a successful test result.

Code	Packaging
5.013-HT50	50 Strips
5.013-HT100	100 Strips
5.013-HT250	250 Strips

STERILIZATION INDICATORS

Chemical indicators for the validation of sterilization cycle in compliance with the fundamental parameters (time - temperature - saturated steam concentration).

Type 4



Code	Packaging
5.013-CIT	Box of 250 pcs

Type 6



Code	Packaging
5.013-CIT6	Box of 250 pcs

WATER TREATMENT

ELECTRIC WATER DISTILLER

Capable of purifying 1 L per hour, holding up to 4 L of water, ideal to purify water for all steam sterilizers. Capacity 4 Lts

Code
5.013D




PACKING

BMS SEAL - ELECTRONIC THERMOSEALING MACHINE


Thanks to its small dimensions, the device can be easily fitted inside the sterilization room cabinets. A metal locking bar holds the roll still, making the device easier to be used and improving its performance. It can be used with different size rolls.




 DIMENSIONS
445 x 198 x 385 mm
(l x h x p)

 VOLTAGE
230v - 50-60 Hz

 ABSORBED POWER
100 W

 WEIGHT
7,4 kg

 WELDING AT CONSTANT TEMPERATURE
12 mm

Code
5.025



AUTOSEALING POUCHES

Self adhesive sterilization pouches Made by one side medical kraft paper with high strength, one side coloured plastic film. With changing chemical colour indicators for steam or EO GAS sterilizations.

Code	Packaging	Sizes
9.003-923	200 pcs - 12 Packages / Carton	Pouches 90 x 230 mm
9.003-1425	200 pcs - 8 Packages / Carton	Pouches 140 x 250 mm



STERILIZATION ROLLS

Flat Sterilization rolls Made by one side medical kraft paper with high strength, one side coloured plastic film. With changing chemical colour indicators for steam or EO GAS sterilizations.

Code	Packaging	Sizes
9.002-50	8 Rolls / Carton	Roll of 50 mm x 200 m
9.002-75	8 Rolls / Carton	Roll of 75 mm x 200 m
9.002-100	4 Rolls / Carton	Roll of 100 mm x 200 m
9.002-150	4 Rolls / Carton	Roll of 150 mm x 200 m
9.002-200	2 Rolls / Carton	Roll of 200 mm x 200 m
9.002-250	2 Rolls / Carton	Roll of 250 mm x 200 m
9.002-300	2 Rolls / Carton	Roll of 300 mm x 200 m
9.002-350	1 Roll / Carton	Roll of 350 mm x 200 m
9.002-400	1 Roll / Carton	Roll of 400 mm x 200 m





IMPRESSION TRAYS

DENTAL EQUIPMENT & INSTRUMENTS

Everything you need!



BMS has chosen to be with its customers in every aspect, offering the possibility to choose even the smallest instrument or equipment most essential for a dental clinic.

Code		
8.01 U1	61	49
8.01 U2	65	53
8.01 U3	70	59
8.01 U4	73	63
8.01 L1	61	50
8.01 L2	67	52
8.01 L3	72	56
8.01 L4	74	58
8.01-12	set of 12 steryltrays	

STERILTRAYS (CRYSTAL)

Set of 12 polycarbonate autoclavable (at 134°C) perforated impression trays for dentulous jaws.



Code		
8.02 U1	61	49
8.02 U2	65	53
8.02 U3	70	59
8.02 U4	73	63
8.02 L1	61	50
8.02 L2	67	52
8.02 L3	72	56
8.02 L4	74	58

MONOTRAYS

Set of 12 disposable perforated impression trays in polystyrene. Each size is available in separate packages as following:

same quantity of

U1 - L1

U2 - L2

U3 - L3

U4 - L4

4 partials



ORTHOTRAYS

Set of 8 polycarbonate autoclavable (at 134°C) impression trays for orthodontia.



Code		
8.04 U1	50	46
8.04 U2	56	51
8.04 U3	59	55
8.04 U4	63	59
8.04 L1	52	44
8.04 L2	58	49
8.04 L3	62	53
8.04 L4	66	56
8.04-8	set of 8 orthotrays	

EDENTOLOUSTRAYS

(Schreinemakers Type for Edentulous)

Set of 24 polycarbonate autoclavable (at 134°C) perforated impression trays for edentulous or partially toothed bites, with compass.

Code		
8.03 U1	62	54
8.03 U2	63	58
8.03 U3	64	58
8.03 U4	66	60
8.03 U5	70	62
8.03 U6	75	63
8.03 U7	77	64
8.03 L1	57	49
8.03 L2	58	53
8.03 L3	60	54
8.03 L4	61	55
8.03 L5	61	56
8.03 L6	61	57
8.03 L7	62	57

Code		
8.03 L8	64	55
8.03 L9	64	59
8.03 L10	66	57
8.03 L11	65	60
8.03 L12	67	58
8.03 L13	70	59
8.03 UIP	66	57
8.03 U2P	65	60
8.03 L1C	67	58
8.03 L2C	70	59
8.03-24	set of 24 edentoloustrays + compass	



ELECTRONIC SURGICAL CUT 50W



Code
5.010

High frequency electrosurgical unit suitable for temporary surgical operations of cutting, coagulated cutting and coagulation of the soft tissues, with a typical technique monopolar, for minor open surgery. Currents can be delivered using the foot control. The equipment is intended for console use in the following sectors: outpatient surgery, dermatology and dentistry. Four different and separate operating functions: pure cut, cut - coag 1 (medium coag), cut - coag 2 (higher coag), coag.

PHYSICAL CHARACTERISTICS

Characteristics	Value
Weight	2,5 Kg
Sizes L x H x W	190mm x 85mm x 239 mm

The electrosurgical units are supplied complete with accessories: handpiece, 10 electrodes kit, handpiece and electrodes holder and rod neutral electrode (autoclavable).

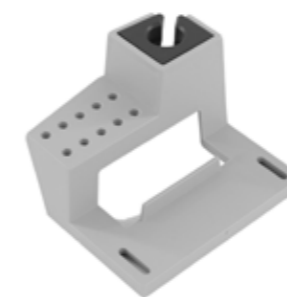
Handpiece



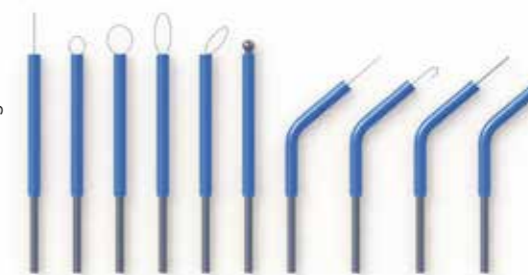
Neutral rod



handpiece & electrodes holder



10 electrodes - length 5 cm



TECHNICAL CHARACTERISTICS

Nominal Voltage	Delayed acting fuse	Peak power consumption	Working Frequency	Max power output
50 -60 Hz frequency 230 Vac Tension	2x T1AL, 250V / 5x 20 mm	280 VA or W	600 kHz 10%	50 W 20% CUT 45 W 20% CUT 1 40 W 20% CUT 2 40 W 20% COAG

IMPRESSION MATERIAL INSTRUMENTS

FLEXIBLE PLASTIC SPATULA

Available in: fuxia, red, white and yellow.

Code
8.06

FLAT BOTTOM BOWLS

Non adhesive flat bottom bowls for plaster and alginate. Diam. 12 cm available in: red, yellow and blue colours.

Code
8.05





DISPOSABLE PRODUCTS

Quality even in simple things

Even on disposable products, BMS Dental has chosen to offer quality and safety, an example are the saliva ejectors, a product where "Made in Italy" is a worldwide guarantee. Just take a look at next pages to see what better suits your needs.

ZAC

Disposable stainless-steel needles for dental use with threaded hub for cartridges syringe. ZAC needles are sterile, silicone-coated, non-toxic and non-pyrogenic when unopened and undamaged package. The welding point joining the cap to the protector ensures that the sterility of the needle is maintained.

The high-quality sharpening with the perfect silicone coating of the outer needle surface, makes every dentist's job easier to avoid pain to patients.

The needles are available both with European and imperial thread.



PACKAGING

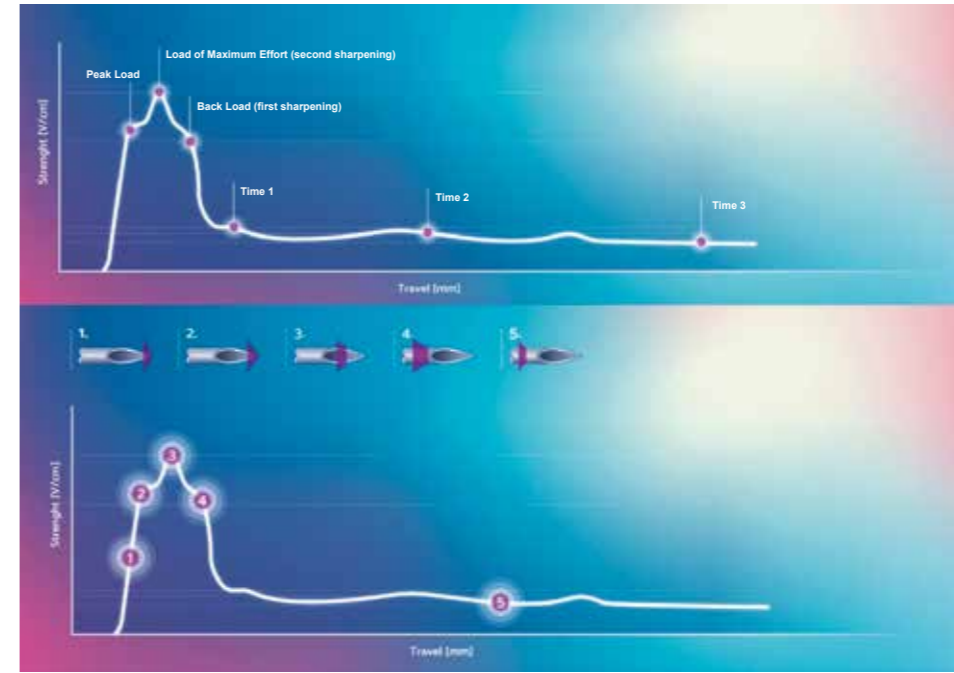
- Inner Carton of 12 boxes (1200 needles in total) – SALES UNIT
- Outer Carton of 8 inner cartons of 12 boxes (9600 needles in total)

Main characteristics:

- Triple-beveled in the active tip and treated to have an anti-coring effect.
- Coated with cured silicone to facilitate penetration into tissues, it allows a completely painless patient experience.
- Polypropylene threaded hub.
- Gamma ray or ethylene oxide sterilization.
- Production batch, expiry date and size printed directly on the needle for quick identification.
- Tip orientation indicator printed on the hub.
- No pain bevel edges to make dentists' work easier.
- Requires less pressure during injection.



Size	G & thread colour	Diam. (mm)	Length (mm)	Metric Code	Imperial Code
Extra- Short	30	0,30	8	9.030M-8	9.030I-8
Extra- Short	30	0,30	12	9.030M-12	9.030I-12
Extra- Short	30	0,30	16	9.030M-16	9.030I-16
Short	30	0,30	21	9.030M-21	9.030I-21
Short	30	0,30	25	9.030M-25	9.030I-25
Extra- Short	27	0,40	8	9.027M-8	9.027I-8
Extra- Short	27	0,40	12	9.027M-12	9.027I-12
Extra- Short	27	0,40	16	9.027M-16	9.027I-16
Short	27	0,40	21	9.027M-21	9.027I-21
Short	27	0,40	25	9.027M-25	9.027I-25
Short	27	0,40	30	9.027M-30	9.027I-30
Long	27	0,40	35	9.027M-35	9.027I-35
Long	27	0,40	38	9.027M-38	9.027I-38



Starting from point 1, the picture shows the penetration starting from the contact with the membrane to the full penetration.

The piercing force is measured on Volts/cm, the lower value is lower force is required, on the horizontal axis there is the time.

Point 3 is the maximum loading effort required, point four is the second sharpening penetration.



The photo shows the direction indicator and the lot and expiry date printed directly on the needle.




DENTAL SALIVA EJECTOR

Non Toxic Flexible Saliva Ejector
With metal wire

Totally free of glue

Tip: Fixed or Removable

Code	Colour
9.001-15	Transparent
9.001-15 TO	Transparent Orange
9.001-15 TB	Transparent Blue
9.001-15 TG	Transparent Green

 **PACKAGING**
50 Bags of 100 Pcs / Box

KRIOBOOST


Krioboost is an instant ice bag intended for cryotherapy. Instant ice is indicated in case of bruises, hematomas, traumas and muscle injuries. It relieves the perception of pain and facilitates the reduction of edema. Recommended treatment: 20/30 minutes.



 **PACKAGING**
Box of 24 cellulose bags 150x175 mm

Code
4.041



 **PACKAGING**
20 Boxes of 300 g

COTTON ROLLS

Absorbent Pure Cotton Rolls

- Pure Cotton
- Disposable
- Non Sterile

Available Sizes:

Size 1 (Ø 8 mm) - Size 2 (Ø 10 mm) - Size 3 (Ø 12 mm)

Code	Item Description
9.009-1	Absorbent Pure Cotton Rolls - Size 1
9.009-2	Absorbent Pure Cotton Rolls - Size 2
9.009-3	Absorbent Pure Cotton Rolls - Size 3

LATEX EXAMINATION GLOVES

Latex Examination Gloves

The BMS DENTAL Latex examination gloves are manufactured in natural high quality latex, with a high sensitivity. Their softness provides a superior comfort and a natural fit. Easy donning. They are disposable and ambidextrous. They are not sterile and they can not be sterilized.




Disposable Latex Examination Gloves dusted with absorbable powder (U.S.P.), ambidextrous, of very high quality.

Disposable Latex Examination Gloves powder free, ambidextrous, of very high quality. Suitable for sensitive skin. Hypoallergenic.

Powdered	
Code	Size
9.004-P XS	XS
9.004-P S	S
9.004-P M	M
9.004-P L	L
9.004-P XL	XL

Powdered free	
Code	Size
9.004-PF XS	XS
9.004-PF S	S
9.004-PF M	M
9.004-PF L	L

 **PACKAGING**
10 boxes of 100 pcs

PHYSICAL CHARACTERISTICS AND DIMENSIONS

Size	Qty per box	Length (mm)	Strength (mm)	Thickness (mm)	Elongation at break (%)	Tensile Strength (Mpa)
XS	100 pcs	240 min	76 ± 3	Fingers 0.14 ± 0.03	Before Aging Min. 650	Before Aging Min. 18
S	100 pcs	240 min	84 ± 3			
M	100 pcs	240 min	94 ± 3			
L	100 pcs	240 min	105 ± 3	Palm 0.11 ± 0.03	After Aging Min. 500	After Aging Min. 14
XL	90 pcs	240 min	113 ± 3			




Code	Colour
9.010-W	White
9.010-LB	Light Blue
9.010-B	Blue
9.010-L	Lilac
9.010-P	Pink
9.010-O	Orange
9.010-R	Red
9.010-Y	Yellow
9.010-LM	Lime
9.010-G	Green
9.010-BK	Black
9.010-F	Fuchsia

DISPOSABLE PLASTIC CUPS

Disposable plastic cups with rounded edges and secure grip. Made from an hygienic and high quality plastic material. Available in various colours.

Capacity: 200 ml (Multicolour); 166 ml (White Colour only)


 **PACKAGING**
30 Bags of 100 Pcs / Box

DISPOSABLE FACE MASK

Disposable Face Mask 3 layers type II with earloops

- Latex Free
- Glass Fiber Free
- BFE (Bacterial Filtration Efficiency) > 99%
- Conform to EN 14683 Norm



 **PACKAGING**
20 Boxes of 50 pcs

Code	Colour
9.008-G	Green
9.008-B	Blue
9.008-P	Pink
9.008-Y	Yellow

TOWELS

Professional towels

Made by two layers in pure cellulose and embossed with one layer of waterproof polyethylene film.

Dimensions: 33 x 45 cm



PACKAGING
500 Towels / Box

Code	Colour
9.005-G	Green
9.005-B	Blue
9.005-LB	Light Blue
9.005-Y	Yellow
9.005-O	Orange
9.005-P	Pink
9.005-V	Violet

APRONS IN ROLLS

Protective disposable bibs in roll

Made by a sheet of paper with high absorbent power coupled with a sheet of waterproof polyethylene.

Dimensions: 50 x 60 cm; 80 sheets

Available Colours: Blue, Green and other colours on request.



PACKAGING
6 pre-cut rolls / Box

Code	Colour
9.006-LB	Light Blue
9.006-G	Green

DISPOSABLE TRAYS

DISPOSABLE LARGE TRAY

Dimensions: 284 x 183 x 17 mm

Code	Surface
9.007-1	Smooth
9.007-2	Knurled



DISPOSABLE MINI TRAY

Dimensions: 190 x 150 x 17 mm

Code	Surface
9.007-3	Smooth
9.007-4	Knurled



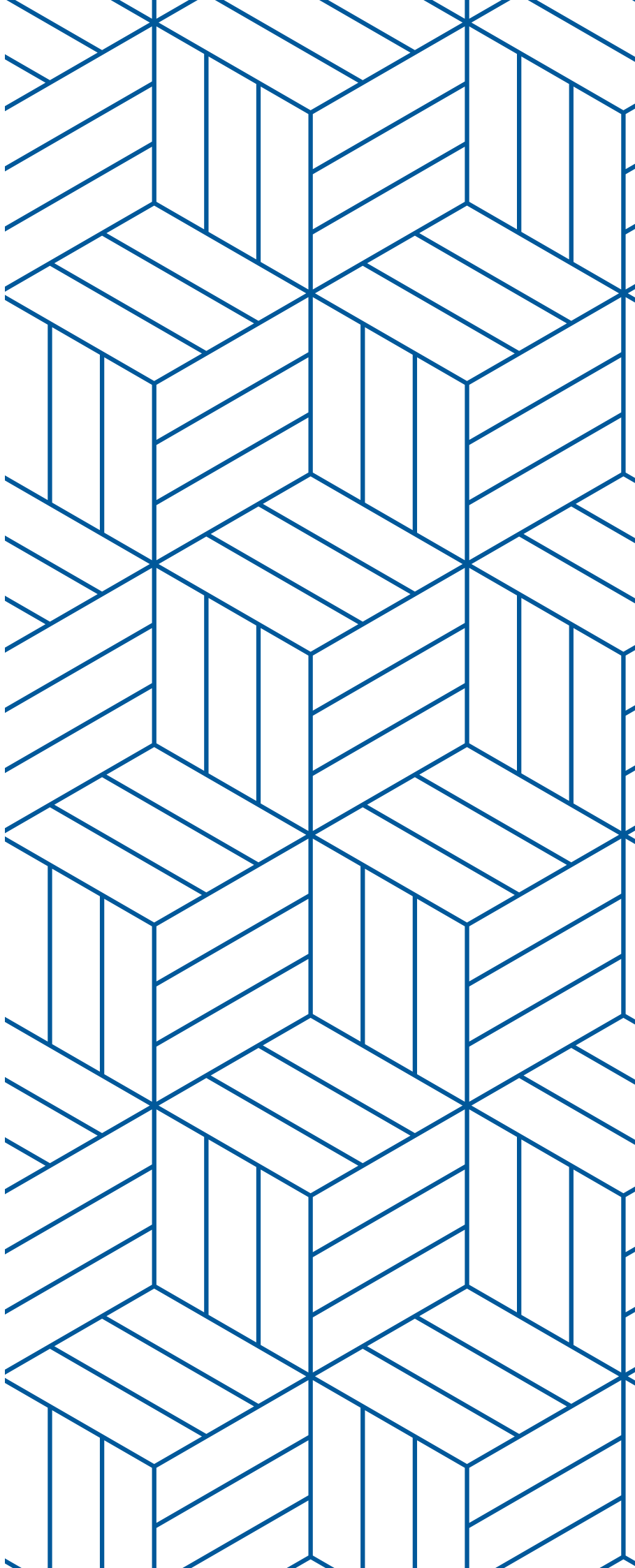
PACKAGING
400 pcs / Box

MIXING PAD



Code	Sizes	Sheets
08.07-1	7,6 x 7,6 cm	50
08.07-2	7,6 x 12,7 cm	50
08.07-3	5,0 x 5,0 cm	50





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