Our range of products for the pressure moulding technique

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## Indication Chart on Applications in the Pressure Moulding Technique

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50 years of competence and experience.

Tried and tested. Our pressure moulding material has been tested in terms of cell biology according to the international standards DIN EN ISO 10993 and 7405 and has been released for clinical purposes. The bar code on each blank ensures quick and simple handling.
**BIOCRYL® C**
Break-resistant acrylic material of pure PMMA, monomer-free, without allergenic irritants, bonds to acrylic.

**Application**
Orthodontic plates and retainers

- 2.0 × 125 mm* clear #3147
- 2.0 × 125 mm** red #3149
- 2.0 × 125 mm** blue #3150
- 2.0 × 125 mm** yellow #3151
- 2.0 × 125 mm* rose-transparent #3152
- 3.0 × 125 mm* clear #3153

*10 /100 pieces  ** 10 pieces

**BIOCRYL® M**
Hard-elastic, monomer-free material, without allergenic irritants, bonds to acrylic.

**Application**
Orthodontic plates and retainers

- 2.0 × 125 mm Multicolor Set* #3228
- 2.0 × 125 mm Polka-Dots #3229
- 2.0 × 125 mm Zebra #3230
- 2.0 × 125 mm Rainbow #3231
- 2.0 × 125 mm Tiger #3232
- 2.0 × 125 mm Camouflage #3233

10 pieces *5 x 2 pieces

**NEW!**

**BIOCRYL® Form X**
Visco-elastic material, does not bond to acrylic, blue.

**Application**
Radiopaque material for the exact visualisation of the clinical situation in computer tomography.

- 1.5 × 125 mm blue #3148

*10 /100 pieces  ** 10 pieces
**DURAN®**

Hard-elastic transparent material, bonds to DURASPLINT® and DURASPLINT® LC. Apply LC primer prior to using DURASPLINT® LC. No pre-drying required.

**Application**

Miniplast splints, occlusal splints, interim and fluorisation splints, drilling/X-ray templates, anti-snoring appliances, invisible retainers, temporary crowns and bridges.

- 0.4 × 125 mm* #3470
- 0.5 × 125 mm #3411
- 0.625 × 125 mm #3409
- 0.75 × 125 mm #3413
- 1.0 × 125 mm #3415
- 1.5 × 125 mm #3417
- 2.0 × 125 mm #3419
- 3.0 × 125 mm #3421

10 /100 pieces * 10 pieces

---

**Now available in 0.4 mm material thickness!**

---

**DURAN®+**

Hard-elastic transparent material, bonds to DURASPLINT® and DURASPLINT® LC. Apply LC primer prior to using DURASPLINT® LC. With integrated insulation foil. No pre-drying required.

**Application**

Miniplast splints, occlusal splints, interim and fluorisation splints, X-ray/drilling templates, anti-snoring devices, temporary crowns and bridges, invisible retainer.

- 0.4 × 125 mm* #3472
- 0.5 × 125 mm #3426
- 0.625 × 125 mm #3428
- 0.75 × 125 mm #3430
- 1.0 × 125 mm #3432
- 1.5 × 125 mm #3434
- 2.0 × 125 mm #3436

10 /100 pieces *10 pieces

---

**Now available in 0.4 mm material thickness!**
DURAN®+ A2 pd
New material in proven DURAN® quality, now available in aesthetic colour (VITA A2). With integrated insulation foil. Already pre-dried and vacuum sealed for instant use.

**Application**
Tooth coloured temporaries, splints for planning and demonstration for aligner treatments

- 0.5 × 125 mm #3422
- 0.625 × 125 mm #3424
- 0.75 × 125 mm #3423

10 pieces

DURAN®+ white pd
New material in proven DURAN® quality, now available in white (Vita OM1). With integrated insulation foil. Already pre-dried and vacuum sealed for instant use.

**Application**
Cosmetic splints

- 0.5 × 125 mm #3473
- 0.625 × 125 mm #3474
- 0.75 × 125 mm #3475

10 pieces

DURASOFT® pd
Unbreakable, abrasion-resistant, transparent compound material – hard on one side and soft on the other. Hard side bonds to acrylic. Already pre-dried and vacuum sealed for instant use.

**Application**
Miniplast splints, bruxism splints, occlusal splints

- 1.2 × 125 mm* hard/soft 0.7 mm / 0.5 mm #3342
- 1.8 × 125 mm* hard/soft 0.9 mm / 0.9 mm #3388
- 2.5 × 125 mm* hard/soft 1.6 mm / 0.9 mm #3387
- 3.0 × 125 mm** hard/soft 2.1 mm / 0.9 mm #3341
- 4.0 × 125 mm** hard/soft 3.1 mm / 0.9 mm #3345

*10 /100 pieces **10 pieces
DURASOFT® seal
Clear pressure moulding material made of thermoplastic polyurethane for use with DURASOFT® pd. Forms a robust inner layer and provides high quality hard-soft splints with excellent resistance against discolouration. Also available in blue and magenta.

Application
Discolouration resistant inner layer for DURASOFT® pd splints. Specifically designed for long-term use splints such as intra-oral anti-snoring devices.

- 0.1 × 125 mm clear #3338
- 0.1 × 125 mm blue #3339
- 0.1 × 125 mm magenta #3337

10 pieces

DURASOFT® blue pd
The proven break and abrasion resistant material in blue-transparent colour. Already pre-dried and vacuum sealed for instant use.

Application
Specifically for simple fabrication of coloured intra-oral anti-snoring devices. Blue colour increases aesthetics.

- 1.8 × 125 mm #3347
- 2.5 × 125 mm #3348

10 pieces
**BIOPLAST® XTREME Kit***

Two different degrees of hardness in one pressure moulding blank thanks to the integrated reinforcement in the delicate anterior region. Absorbs hard and flat impacts in contact sports. V-shaped harder insert for variable size of front tooth protection.

Kits come with 1 BIOPLAST® XTREME 5.0 x 125 mm, 1 bag of 15 g CETRON© cleansing powder, 1 BIOPLAST® insulating agent, retainer box.

- BIOPLAST® XTREME Kit, red #3293
- BIOPLAST® XTREME Kit, blue #3294
- BIOPLAST® XTREME Kit, black #3295

* only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

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**BIOPLAST® XTREME PRO Kit***

For professional sports where hard and flat impacts often occur. Additional hard-elastic layer for integrated reinforcement in the anterior region.

Kits come with 1 BIOPLAST® XTREME 4.0 x 125 mm, 1 BIOPLAST® clear 2.0 x 125 mm, 1 DURAN® 0.75 x 125 mm, 1 bag of 15 g CETRON® cleansing powder, 1 BIOPLAST® insulating agent, retainer box.

- BIOPLAST® XTREME Kit, red #3292
- BIOPLAST® XTREME Kit, blue #3293
- BIOPLAST® XTREME Kit, black #3294

* only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

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**BIOPLAST® XTREME**

BIOPLAST® XTREME material is ideally suited for simple and safe preparation of individual mouth guard. Hard V-shaped reinforcement layer ensures additional protection in the anterior region, allowing precise positioning in the desired extension. Soft layer can be used for lamination with BIOPLAST® or for insertion of the counter bite.

- 4.0 x 125 mm red #3295
- 4.0 x 125 mm blue #3296
- 4.0 x 125 mm black #3297
- 4.0 x 125 mm clear #3298
- 5.0 x 125 mm red #3286
- 5.0 x 125 mm blue #3287
- 5.0 x 125 mm black #3288
- 5.0 x 125 mm clear #3289

10 pieces * only for MINISTAR® from 4/92 and BIOSTAR® from 4/99
BIOPLAST® XTREME Deco*
The proven XTREME material for the fabrication of individual mouth guard is now available in many individual designs. A new manufacturing technology enables photo-realistic, multi-colour designing. Material does not bond to acrylic.

- 5.0 × 125 mm chinese #3312
- 5.0 × 125 mm dragon #3313
- 5.0 × 125 mm kiss #3314
- 5.0 × 125 mm aqua #3315
- 5.0 × 125 mm stone #3316
- 5.0 × 125 mm lion #3317

*B only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

BIOPLAST® Color
Soft, pliable rubber like material, does not bond to acrylic.

Application
Coloured mouth guards, positioners

- 3.0 × 125 mm blue-transparent #3356
- 3.0 × 125 mm red-transparent #3355
- 3.0 × 125 mm white #3445
- 3.0 × 125 mm black #3448
- 3.0 × 125 mm neon red #3352
- 3.0 × 125 mm neon green #3353
- 3.0 × 125 mm azure #3354
- 3.0 × 125 mm Color set #3271

10 pieces

BIOPLAST® Multicolor
Soft, pliable rubber like material, does not bond to acrylic.

Application
Coloured mouth guards, positioners

- 3.0 × 125 mm Germany #3390
- 3.0 × 125 mm France #3391
- 3.0 × 125 mm Italy #3392
- 3.0 × 125 mm Spain #3393
- 3.0 × 125 mm Sweden #3394
- 3.0 × 125 mm Brazil #3395
- 3.0 × 125 mm Transylvania #3396
- 3.0 × 125 mm Atlantis #3397
- 3.0 × 125 mm White dots #3398
- 3.0 × 125 mm Green dots #3399
- 3.0 × 125 mm Multicolor-Set #3400

10 pieces
BIOPLAST®
Soft pliable rubber like material, does not bond to acrylic, clear-transparent.

Application
Duplicating moulds, mouth guard, bruxism splints, positioner, bleaching splints, OSAMU-Retainer®

- 1.0 × 125 mm #3270
- 1.5 × 125 mm #3183
- 2.0 × 125 mm #3185
- 3.0 × 125 mm #3187
- 4.0 × 125 mm** #3188
- 5.0 × 125 mm*** #3374

10/100 pieces *10 pieces
**only for MINISTAR® from 4/92 and BIOSTAR® from 4/99

BIOPLAST® bleach
Soft pliable rubber like material, best suited for fabrication of bleaching splints. Material does not bond to acrylic.

- 1.0 × 125 mm #3190

10/100 pieces

NEW: BRUX CHECKER® white
Foil with one-side colour coating for analysis and therapy planning as well as for control of prosthetic restorations.

- 0.1 × 125 mm, red #3209
- 0.1 × 125 mm, white #3210

10 pieces

Manual "Diagnosis of occlusion in bruxism" (Kanagawa Dental College, Japan) can be found at www.scheu-dental.com/en/downloads/other
**IMPRELON®**

Hard material, not elastic, bonds to acrylic.

**Application**

Material in clear and opaque for impression and medical trays, material in white for chin caps and bite registration.

- 2.0 × 125 mm clear #3164
- 3.0 × 125 mm* clear #3168
- 3.0 × 125 mm white #3274
- 3.0 × 125 mm opaque #3361

OSAMU-Retainer® Kit

Transparent retainer acc. to Dr. Yoshii. Pressure-moulded using BIOPLAST® 1.5 mm and IMPRELON® S pd 0.75 mm and OSAMU Bond for optimal compound of material. OSAMU-Retainer® Kit for fabrication of 10 retainers.

All components also available separately.

- OSAMU-Retainer® Kit #3242
  - 10 IMPRELON® S pd (0.75 x 125 mm), 10 BIOPLAST® (1.5 x 125 mm), 10 ml OSAMU-bond

**IMPRELON® S pd**

Extremely break and abrasion resistant material. New formulation! Already pre-dried and vacuum sealed for instant use.

**Application**

OSAMU-Retainer®, miniplast splints, retention splints

- 0.5 × 125 mm clear #3320
- 0.75 × 125 mm* clear #3322
- 1.0 × 125 mm* clear #3324
- 1.5 × 125 mm clear #3326
- 2.0 × 125 mm clear #3328
- 3.0 × 125 mm clear #3330

OSAMU-Retainer® Kit #3242

- 10 IMPRELON® S pd (0.75 x 125 mm), 10 BIOPLAST® (1.5 x 125 mm), 10 ml OSAMU-bond
**COPYPLAST®**
Visco-elastic material, opaque, does *not* bond to acrylic.

**Application:**
Duplicating moulds, bleaching splints, bracket transfer trays, copings, moulds for temporary crowns and bridges

- 0.5 × 125 mm #3177
- 0.75 × 125 mm #3169
- 1.0 × 125 mm #3179
- 1.5 × 125 mm #3175
- 2.0 × 125 mm #3181

10/100 pieces

---

**COPYPLAST® C**
Transparent, visco-elastic material, unbreakable and abrasion resistant, does *not* bond to acrylic.

**Application:**
Long term and invisible retainers, orthodontic splints

- 1.0 × 125 mm #3403

10/100 pieces

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**HARDCAST®**
Hard-elastic material, does *not* bond to acrylic, combustible leaving no residue, opaque.

**Application:**
Copings, spacer foil for bleaching splints

- 0.4 × 125 mm #3194
- 0.6 × 125 mm #3195
- 0.8 × 125 mm #3200

10 pieces
Pressure Moulding Technique

**Skin Packaging**
Protection packaging for sending out high quality models, consisting of cardboard and coating foil.

- **Skin Packaging** #3206
- **Coating foil (0.15 x 125 mm)** #3203

100 pieces

**Spacer Foil**
For fabrication of copings, will be removed before embedding the model, clear.

- **Spacer Foil** 0.1 x 125 mm #3202
  100 pieces

**ISOFOLAN®**
Ensures optimum insulation for plaster against acrylic in the pressure moulding technique. Best suited as spacer foil when pressurising hard-elastic material for splints.

- **ISOFOLAN®** 0.1 x 125 mm #3207
  100 pieces
**Indirect bonding technology**
Indirect bonding for precise transfer of the bracket position with considerable reduction of treatment time.

Thanks to the specifically designed SD products described on these pages, the transfer matrix can be quickly and easily fabricated in the laboratory.

---

**SD Bond**
Water soluble, thixotropic adhesive for temporary fixing and positioning of brackets on the model. Optimum curing times and complete water solubility.

- SD Bond, 5 cartridges of 3 g
  incl. cannula (ø 1,2 mm)  
  #3602

---

**SD Silicone**
Silicone with excellent pouring and adhesive characteristics for fabricating bracket transfer trays. For blocking-out and precise, stable fixing of brackets on the models during pressure-moulding, can be removed leaving no residue.
Comes in two-component syringe, with 15 mixing cannula.

- SD silicone, double cartridge of 2 × 10ml
  with 15 mixing cannula
  #3603

---

**SD Scalpel**
Scalpel for precise orientation cuts in the bracket transfer foil in the area of the bracket slots, serving as basis for the future extension of the tray and for finishing.

- SD scalpel with 6 blades
  #3604
SD Separating disc, serrated
Discs for precise and smooth cuts in the bracket transfer foil in the area of bracket slots, serving as orientation for the future extension of the tray and for finishing. Can also be used for finishing DURAN®.

- SD Separating disc, serrated #3606
  3 discs, with mandrel

SD Bracket pincers
Pliers with delicate tip for inserting and removing brackets from pressure-moulded bracket transfer tray. Made of stainless steel, sterilisable.

- SD Bracket pincers #3607

SD Bracket remover
To release brackets from bracket transfer tray after pressure-moulding and for easier removal of the bracket transfer tray from patient’s mouth. Made of stainless steel, sterilisable.

- SD Bracket remover #3608

SD Cutter
Smooth knife for precise reduction of the pressure-moulded bracket transfer tray below the bracket slots. Blade can be fixed for precise cuts, doesn’t require further finishing.

- SD Cutter #3605
**BLUE-BLOKKER®**
Light-curing, blue-transparent blocking-out and modelling putty with excellent flow characteristics. For fabrication of space maintainers for bleaching splints and medical trays as well as for sealing and blocking set-up models. Combustible, leaving no residue, can therefore also be used in prosthetics when fabricating fixed or removable prostheses. Telescopic models are stable and can be removed without tension. Curing in the wavelength range 380-470 nm.

- **BLUE-BLOKKER®** #5276
  - 4 x 1.5 g, 2 cannula (Ø 0.6 mm) and 8 cannula (Ø 0.9 mm)
- **Micro cannula** (Ø 0.4 mm) #5277
- **Micro cannula** (Ø 0.6 mm) #5264
- **Micro cannula** (Ø 0.9 mm) #5278

*5 pieces

**SIL-KITT**
Permanently plastic silicone, used specifically for blocking-out undercuts in pressure moulded splints, anti-snoring and orthodontic appliances.

- **SIL-KITT red** #3442
- **SIL-KITT transparent** #3443

150 g
Pressure Moulding Technique

BIOPLAST® Insulation agent
Insulation for plaster models when using BIOPLAST® material for fabricating positioners and mouth guards. BIOPLAST® insulating agent provides absolute transparency and smooth inner surfaces. Also available in practical applicator bottle of 100 ml for quick and non-drip insulation of plaster models.

- BIOPLAST® Insulating agent, 100 ml #3166
  Applicator bottle with 3 tips
- BIOPLAST® Insulating, 500ml #3189

Blocking-out putty
Permanently plastic putty for blocking-out large-scale undercuts.

- Blocking-out putty #3220
  250 g
**DURASPLINT®**
High-transparent cold-cure resin specifically designed for fabricating occlusal splints with adjusted occlusion. Very simple to use, little shrinkage, optimised trimming.

- **DURASPLINT® Kit** #3257
  incl. 200 g polymer and 100 ml monomer, mixing and dosing cup, 20 ml orthodontic insulating agent incl. brush, pipette, glass spatula and detailed instructions
- **DURASPLINT® polymer, 200/400 g** #3258
- **DURASPLINT® monomer, 100/250 ml** #3259

**BIOCRYL®-RESIN**
Special orthodontic acrylic for attaching clasp arms and relining expansion screws when pressure-moulding retention and expansion plates using BIOCRYL® C and BIOCRYL® M. Material polymerises during the cooling phase in the pressure moulding unit. No time-consuming polymerisation in pressure pot.

- **BIOCRYL®-RESIN polymer, 400/1000 g** #3221
- **BIOCRYL®-RESIN monomer, 250/500 ml** #3218
**DURASPLINT® LC**
Light-curing, transparent resin, specifically designed for the adjustment of DURAN® splints with a minimal thickness of 1.5 mm. Doesn’t require curing in autoclave. For polymerisation, we recommend using the LC 6 light oven (see p.111) with pre-set polymerisation times of 5 or 10 min. Curing in the wavelength of 350 – 450 nm. Prior to processing, LC primer has to be applied to DURAN® splints.

No yellow discolouration of material after light-curing.

**CLEAR-BLOKKER®**
Light-curing, high-transparent gel for building-up pressure moulded DURAN® splints, reinforced with DURASPLINT® LC. Gel is best suited for removal of air inclusions and insertion of canine guidance. Can also be used for fixation of IST® components on DURAN® splints. Polymerisation in wavelength range 360–420 nm, for example with LC Mini Light or LC-6 Light Oven (see p. 111). Prior to processing, LC primer has to be applied to DURAN® splints.
**LC Primer**

Light-curing primer for pre-treating DURAN® splints before adjusting them with DURASPLINT® LC or CLEAR BLOKKER®. For polymerisation, we recommend using the LC 6 Light Oven (see p.111) with pre-set polymerisation times of 5 or 10 min. Curing in the wavelength of 350 – 450 nm.

- LC Primer, with brush
  - 10 ml #3263

**LC Insulation**

Facilitates modelling DURASPLINT® LC on DURAN® splints. Ensures clean and neat working results with smooth surfaces, considerably simplifying finishing.

- LC Insulation
  - 10 g #3266

**SD Composite primer**

Bonding agent for fabrication of temporary crowns and bridges in the dental pressure moulding technique. Primer ensures a secure adhesion between composite resin (also cartridge dispensing systems) and DURAN®. Brush for easy application of primer is integrated in bottle cover.

- SD Composite primer
  - 25 ml #3705

**OSAMU-Bond**

Bonding agent for optimal compound of BIOPLAST® and IMPRELON® S pd in the pressure moulding technique.

- OSAMU Bond
  - 10 ml #3246
Pressure Moulding Technique

**SD Polishing brush**
High-quality goat hair brush with micro fibre insert, for use in combination with SD polishing paste A and B for polishing adjusted splints and orthodontic appliances.

**SD Felt wheel**
For use in combination with SD polishing pastes when polishing built-up splints and orthodontic appliances.

**SD High-gloss polishing mop**
Extra soft mop structure for finishing and high-gloss polishing of built-up splints and orthodontic appliances.

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**SD Polishing paste**
Specifically designed for finishing (SD polishing paste A) and for high-gloss polishing (SD polishing paste B) of splints, adjusted with DURASPLINT® or DURASPLINT® LC. Can also be used for polishing orthodontic appliances.

- SD polishing paste A, bar of 60g #3710
- SD polishing paste B, bar of 100g #3711

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**LC Bur A**

**LC Bur B**

**LC Bur C**

NEW: LC Bur C
Specifically designed for finishing cold cure resin or light-cured adjustments on splints. Allows neat cutting without clogging and leaving any residue. LC bur A comes in conical form for specific finishing or occlusal grinding. LC bur B is pear-shaped, ensuring very smooth grinding surface patterns when it comes to larger surfaces and LC bur C comes in bud form for quick and uniform removal of roughness.

- LC Bur A #3267
- LC Bur B #3268
- LC Bur C #3265

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**LC Burs**
- LC Bur A
- LC Bur B
- LC Bur C

---

**SD Felt wheel with mandrel #3713**
**SD Polishing brush with mandrel #3712**
**SD high-gloss polishing mop with mandrel #3714**
5 pieces
**Impression tray handles**
Stable, handy plastic handles which can be fixed to tray with cold cure resin and individually formed by heating.

- **Impression tray handles**
  - #3216
  - 10/100 pieces

**Foam discs**
Foam discs can be used as space holder and insulation for pressure moulded impression trays, providing retention to impression material.

- **Foam discs (Ø 103 mm)**
  - #3444
  - 10 pieces

**SD Foil scissors A**
SD foil scissors A are delicately made of a high-quality auto-clavable stainless steel alloy. For better handling, scissors are laterally curved. Micro serration prevents slipping.

- **SD foil scissors A**
  - #3460
  - 1 piece
**Pressure Moulding Technique**

**Stainless steel pellets**
Stainless steel pellets, highly polished by galvanic treatment, for embedding models in pressure moulding machines. Thanks to the cylindrical pellet shape, models are securely positioned and can’t be pressed into the pellets.

- **Stainless steel pellets** #3222
- **Pellet brush** #3136

**Pellet Cover**
Used for covering stainless steel pellets while pressurising splints. Cover is reusable and avoids adhesion of pellets to the heated soft material.

- **Pellet cover, large** #3006
- **Pellet cover, small** #3007

**SD Foil scissors B**
SD foil scissors B are robust and durable for cutting splints or inserting cuts into splints after pressurising.

- **SD foil scissors B** #3461

### Specifications

- 1000 g
- 5 pieces
- 1 piece
Finishing Set
Set containing eight grinding instruments for cutting, trimming and finishing of soft-elastic and hard-elastic material. With color coding for easy identification.

- **Cutting bur**
  Spiral cutting bur for quick, neat cutting of hard pressure moulding material.

- **HM Carbide cutter**
  Triangular carbide cutting bur for quick, neat cutting of hard pressure moulding material.

- **HM Tricutter fine**
  Fine triangular bur for interdental finishing of splints.

- **Finishing bur**
  Square cutting bur made of special soft alloy that won’t damage clasps and wires.

- **CA® Carbide bur**
  CA® carbide bur made of fine grit carbide is characterised by high cutting performance, vibration-free concentric running and very long endurance.

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Code</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cutting bur (without)</td>
<td>#3214</td>
<td>1 piece</td>
</tr>
<tr>
<td>HM Carbide cutter (yellow)</td>
<td>#3369</td>
<td>1 piece</td>
</tr>
<tr>
<td>HM Tricutter fine (green)</td>
<td>#3370</td>
<td>1 piece</td>
</tr>
<tr>
<td>Finishing bur (red)</td>
<td>#3377</td>
<td>1 piece</td>
</tr>
<tr>
<td>CA® Carbide bur*</td>
<td>#5262</td>
<td>1 piece</td>
</tr>
</tbody>
</table>

6 pieces - 1 piece
**Pressure Moulding Technique**

**BIOPERM Trimmer**
For trimming and initial polishing of soft-elastic and compound material.

**POLYFIX**
For trimming and initial polishing of soft-elastic and compound material.

**OSAMU Polisher**
Finishing and polishing of soft-elastic and compound material.

- BIOPERM trimmer, blue, 2 pieces #3226
- POLYFIX on mandrel, brown, 1 piece #3371
- POLYFIX without mandrel, brown, 6 pieces #3372
- OSAMU polisher, grey, 2 pieces #3247

**DIMO®**
Stable and flexible trimming wheels with prolonged processing time, three types of grains, incl. mandrel.

**Application:**
Trimming and initial polishing of elastomer, sandwich material, mouth guard and orthodontic appliances.

- DIMO® brown, coarse* #3382
- DIMO® green, medium* #3383
- DIMO® maroon, fine* #3384
- DIMO® mandrel #3380

**DIMO®PRO / DIMO®PRO SLIM**
Trimming wheel made of special elastomer with fine fibrous structure, extremely long working time, incl. mandrel.

**Application**
DIMO®PRO: For finishing large-scale marginal areas and for final and high-gloss polishing of splints, positioners, mouth guard and orthodontic appliances. Provides highly-polished rims and uniform surfaces of hard/soft compound material.

DIMO®PRO SLIM: for finishing splints, specifically in the area of ligaments and interdentally.

- DIMO®PRO disc 24 × 6 mm #3381
- DIMO®PRO SLIM* disc 24 × 4 mm #3376

10/50 pieces * tapered rim
BIOSTAR®

Versatile pressure moulding machine for all applications in dental pressure moulding and orthodontics, equipped with scan technology and 6.0 bar working pressure, adjustable by pressure reducing valve on the unit. The unique thermally controlled infra-red heater reaches working temperature in one second. All parameters such as temperature, heating and cooling times are programmed by reading the scanner or entering the corresponding code. The coloured 3.2” LCD display with a resolution of 320 x 240 pixel leads you through the single working steps of the pressure moulding process, providing further information on the scanned material, its indication as well as a library with illustrated application hints for fabrication. Rear port for easy updates. Large model cup facilitates embedding of mounted models. Pellet container ensures optimum dispensing and storing of pellets.

Power: 230/115/100 V, 750 W
Working pressure: 0.5 - 6.0 bar
Dimensions (W x H x D): 520 x 240 x 440 mm
Weight: 14 kgs
3 years warranty, 10 years availability of spare parts

- BIOSTAR® 230 V #3001
- BIOSTAR® 115 V #3011
- BIOSTAR® 100 V #3021
- BIOSTAR® protection cover made of transparent plastic, avoids soiling #3449
MINISTAR S®
The compact pressure moulding unit MINISTAR S® equipped with scanning technology: scanner reads the coded material, allowing programming of all important parameters such as heating time, temperature and cooling time. In other words: precise pressure moulding results are reached in record time thanks to the extremely fast, patented heater and working pressure of 4.0 bar. The new generation is equipped with a user-friendly membrane keypad and a large display. All operating parameters are monitored and indicated on the display.

Power: 230/115/100 V, 750 W
Working pressure: 0.5 - 4.0 bar
Dimensions (W × H × D): 500 × 210 × 400 mm
Weight: 9 kgs
3 years warranty, 10 years availability of spare parts

- MINISTAR S® 230 V #3501
- MINISTAR S® 115 V #3511
- MINISTAR S® 100 V #3521
- MINISAR S® protection cover made of transparent plastic, avoids soiling #3447

Sampler of pressure moulding material
Sampler of all available pressure moulding materials with information on thickness, diameters and colours. Helpful information on working procedures and chemical and physical parameters is given as well.

- Sampler of pressure moulding material #3137
**TWINSTAR® P**
Pressure moulding machine for basic dental applications in the pressure moulding technique such as temporaries, splints, mouth guard, bite registrations and individual impression trays.

**Characteristics**
Medium-wave, time-controlled heater, programmed cooling phase, pre-adjusted 2 bar working pressure, range of material 0.1-3.0 mm, heating of the material side which is directly placed over the model, large model cup and ergonomic pellet container, simple and functional "one-switch-operation".

Power: 230/115/100 V, 340 W
Working pressure: 0.1 - 2.0 bar
Dimensions (W × H × D): 480 × 210 × 430 mm
Weight: 7.5 kgs
3 years warranty, 10 years availability of spare parts

**TWINSTAR® V**
Vacuum machine, doesn’t require compressed air connection. For all basic dental applications in the thermo-forming technique such as temporaries, splints, mouth guard, bite registration, and individual impression trays.

**Characteristics**
Medium-wave, time-controlled infra-red heater, programmed cooling phase, range of material 0.1-3.0 mm, heating of the material side which is placed directly over the model, large model cup and ergonomic pellet container, easy and functional "one-switch-operation".

Power: 230/115/100 V, 340 W
Working vacuum: 0.8 bar
Dimensions (W × H × D): 440 × 210 × 430 mm
Weight: 7.5 kgs
3 years warranty, 10 years availability of spare parts
Laboratory equipment

**LC 6 Light Oven**
High-capacity light polymerisation unit for up to 4 models and fixator. Its inner dimensions of 170 x 160 x 120 mm (W x D x H) offer enough space for articulated and mounted models. Six fluorescent light tubes (3 UVA and 3 blue light tubes) and an aluminium reflector guarantee homogeneous illumination. Two polymerisation times of 5 and 10 minutes are already pre-set in accordance with the light-curing DURASPLINT® LC material. Continuous operation can also be set. Spectral range of the light curing device between 350 and 450 nm. Auto start function for easier application.

- Power: 230/115 V
- Dimensions (W x H x D): 240 x 180 x 270 mm
- Weight: 3 kgs
- 3 years warranty, 10 years availability of spare parts

**LC Mini Light**
LED curing light with 14 LEDs designed for fixation and initial polymerisation of DURASPLINT® LC and CLEAR-BLOKKER®. Ideal for fixing fastening parts of IST® or OPM devices in combination with the LC primer. Final light polymerisation in stationary light curing unit such as LC 6 Light Oven. Use with customary AAA batteries.

- Wavelength: 400-405 nm
- Weight (without batteries): 96 g
- Length (without shade): 120 mm

**Heating Support**
Can be attached directly to the heater when fabricating positioners and mouth guard, providing the optimum distance between model and heater when heating the occlusal surfaces and for compound of upper and lower splint.

- Measurements: (W x H x D): 190 x 160 x 70 mm

**Model Platform**
Model platform with 85 mm diameter provides increased surface for dental arcade models made of resin and hard plaster preventing the model from getting pressed into the stainless steel pellets.
**Split-Fixator**

Stable occlusal holder with sliding arms. By unscrewing the centring tips, models can be removed without any damage and reinserted at any time in exactly the same position. Precise dovetailed guidance avoids twisting of fixator arms.

- Split-fixator #5380

**Hinge fixator**

Thanks to the hinge in the upper part of the fixator, grinding of functional orthodontic appliances and fabrication of bimaxillary appliances becomes easier. Mounting splints on fixator arms ensure easy removal and precise repositioning of models.

- Hinge fixator #5374
- peaked screws, 10 pieces #5376

**Mounting splints**

For hinge fixator

- Mounting splints #5375
  10 pieces
Model holder
With flexible clamps and movable joints, keeps small and large models fixed in any required position.

- **Model holder**
  
  #5270
  
  1 piece

Parallelometer
Indispensable auxiliary instrument when fabricating precise adjusted splints. The parallelometer enables determination of insertion direction and marking of tooth equator. The extensions of DURAN® splints, built-up with DURASPLINT® LC, should not exceed the tooth equator to avoid cracks or fissures when inserting or removing the splint.

- **Parallelometer**
  
  #5362
  
  incl. model holder, graphite leads and measurement accessories
  
  1 piece
CETRON® Cleansing powder
Mild powder for long lasting care and cleansing of orthodontic plates, splints, dentures and sports mouth guards. To dissolve in 150 ml of water.

- **CETRON® cleansing powder** #3239
  5/25/250 bags

CETRON® Cleansing spray
Care and cleansing of splints, dentures, orthodontic plates, mouth guard and snoring appliances. Fresh lemon taste reduces typical monomer taste, ensuring highly polished appliances and high wearing comfort at the same time.

- **CETRON® Cleansing spray, 75 ml** #3238
  75 ml

CETRON® Care set
Care and cleansing of splints, dentures, orthodontic plates, mouth guard and snoring appliances.

- **CETRON® care set** #3236
  incl. cleansing box, brush and 5 bags CETRON® cleansing powder of 15 g
  1 piece

Retainer boxes
For orthodontic appliances or BIOPLAST® sports mouth guards. Available in blue, yellow, green, red and violet.

- **Retainer boxes (5 colours, 2 each)** #5435
  10 pieces
<table>
<thead>
<tr>
<th>Indication</th>
<th>Product</th>
<th>Recommended Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anti-snoring splint</td>
<td>DURAN®</td>
<td>2.0 mm</td>
</tr>
<tr>
<td></td>
<td>DURAN®+</td>
<td>2.0 mm</td>
</tr>
<tr>
<td></td>
<td>DURASOFT® pd with DURASOFT® seal</td>
<td>1.8 / 2.5 mm</td>
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<tr>
<td>Bite taking / Bite registration</td>
<td>IMPRELON® white, clear</td>
<td>2.0 / 3.0 mm</td>
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<tr>
<td>Bleaching splint</td>
<td>BIOPLAST® bleach</td>
<td>1.0 mm</td>
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<td></td>
<td>COPYPLAST®</td>
<td>1.0 mm</td>
</tr>
<tr>
<td>Bracket transfer mask</td>
<td>COPYPLAST®</td>
<td>0.5 / 0.75 mm</td>
</tr>
<tr>
<td>Copings</td>
<td>HARDCAST®</td>
<td>0.4 / 0.6 / 0.8 mm</td>
</tr>
<tr>
<td></td>
<td>COPYPLAST®</td>
<td>0.5 / 0.75 mm</td>
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<tr>
<td>Cosmetic splint</td>
<td>DURAN®+ A2</td>
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<td>DURAN®+ white pd</td>
<td>0.5 mm - 0.75 mm</td>
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<td>Etching mask</td>
<td>COPYPLAST®</td>
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<tr>
<td>Fluorisation splint</td>
<td>DURAN®</td>
<td>1.0 / 1.5 mm</td>
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<tr>
<td></td>
<td>DURAN®+</td>
<td>1.0 / 1.5 mm</td>
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<tr>
<td>Foil for therapy planning / analysis of bruxism</td>
<td>BRUX CHECKER®</td>
<td>0.1 mm</td>
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<tr>
<td>Immediate Dentures / temporary dentures</td>
<td>BIOCRYL® C (rose or clear)</td>
<td>2.0 / 3.0 mm</td>
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<td>Individual impression tray, functional tray</td>
<td>IMPRELON® (clear)</td>
<td>2.0 / 3.0 mm</td>
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<td></td>
<td>IMPRELON® (opaque)</td>
<td>3.0 mm</td>
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<tr>
<td>Insulation Foil</td>
<td>ISOFOLAN®</td>
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<td>Invisible Retainer / Functional orthodontic splint</td>
<td>DURASOFT® pd with DURASOFT® seal</td>
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<td>DURAN®+</td>
<td>0.75 / 1.0 mm</td>
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<td>IMPRELON®S pd</td>
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<td>COPYPLAST® C</td>
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<td>BIOPLAST® (plaster)</td>
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<td></td>
<td>COPYPLAST® (resin)</td>
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<td>Model protection / Protective coating / Skin-packaging</td>
<td>Coating Foil</td>
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<td>Moulds for temporary crowns and bridges</td>
<td>COPYPLAST®</td>
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<td>Mouth Guard, sports protection</td>
<td>BIOPLAST®</td>
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<td></td>
<td>BIOPLAST® XTREME / XTREME PRO</td>
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<td>Occlusal splint / TMJ splint / Bruxism splint / Miniplast splint</td>
<td>DURAN®</td>
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<td>DURAN®+</td>
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<tr>
<td>Orthodontic plate / Retainer</td>
<td>BIOCRYL® C</td>
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<td>BIOCRYL® M</td>
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<tr>
<td>OSAMU-Retainer® (combination BIOPLAST® and IMPRELON®S pd)</td>
<td>BIOPLAST®</td>
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<td>IMPRELON®S pd</td>
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<td>Positioner</td>
<td>BIOPLAST®</td>
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<tr>
<td>Retainer / Orthodontic plates</td>
<td>BIOCRYL® C / M</td>
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<td>BIOCRYL®</td>
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<tr>
<td>Retention splint / Long-term retainer</td>
<td>COPYPLAST® C</td>
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<tr>
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<td>DURAN®</td>
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<td>DURAN®+</td>
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<td>Spacer maintainer foil</td>
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<td>Spacer Foil</td>
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<td>Spacer maintainer for bleaching splints</td>
<td>HARDCAST®</td>
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<tr>
<td>Template for implants / Drillings / X-ray</td>
<td>DURAN®</td>
<td>2.0 / 3.0 mm</td>
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<tr>
<td></td>
<td>DURAN®+</td>
<td>2.0 / 3.0 mm</td>
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<tr>
<td>Temporary Splint / Strip crown for temporary crowns and bridges</td>
<td>DURAN®</td>
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<td>DURAN® +A2 pd</td>
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<tr>
<td>Material Qualities</td>
<td>Bonds to Acrylic</td>
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<tr>
<td>--------------------</td>
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<tr>
<td>hard-elastic</td>
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