

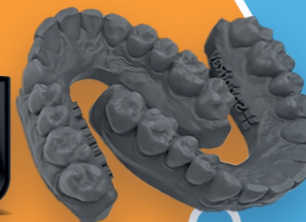


SprintRay

Streamlined, digital workflow – if you have an intra-oral scanner, you can manage the entire process digitally, printing your own models from patient files. Your cases need never leave the practice, so you're in full control of every aspect of production.



SprintRay



SCHEU
SCHEUGROUP



Eurodentic knowledge



Eurodentic service and support



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Practice guide to thermo-forming



Exclusive UK suppliers of:



Making a Retention Splint

Step 1 - Preparation

Survey the model and block out using SIL-KITT (clear or red). Your method of preparation will depend on the material you have selected to make the appliance.

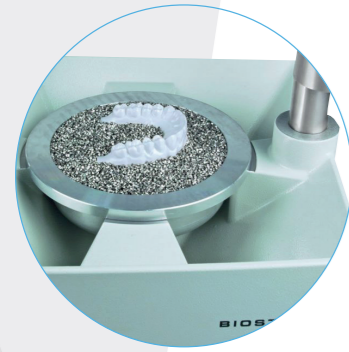
- DURAN® – use an ISOFOLAN® foil
- DURAN®+ – can be applied straight to the model with no additional preparation required. The ISOFOLAN® insulating layer is already attached to the DURAN®+ and is peeled off at the finishing stages.



Step 2 – Pressurising

If you have trimmed the model flat and shallow, use the model platform. If the model is not flat, embed in the pellets.

Heat the foil by setting the code and recommended heating times. Close the pressure chamber and open after the cooling phase has finished. Take care not to interrupt the important cooling phase.



Step 3 – Finishing

Remove the excess foil with a tricutter or scissors so it's easier to handle, and ease the appliance from the model. Shape with the BIOPERM Trimmer. Smooth the edges using the DIMO® wheels.



Product checklist

SIL-KITT	(code 3442)	SMALL SCISSORS	(code 3460)
ISOFOLAN®	(code 3207)	HM CARBIDE CUTTER	(code 3369)
DURAN® 1mm	(code 3415)	BIOPERM Trimmer	(code 3226)
DURAN®+ 1mm	(code 3432)	DIMO PRO	(code 3381)
LARGE SCISSORS	(code 3461)		

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Making a Bleaching Tray

Step 1 - Preparing the model

To produce a 'reservoir' bleaching tray, you'll need to create space for the bleaching solution. This is best achieved by applying a layer of BLUE BLOKKER® directly to the model's labial surfaces, in the desired thickness.

You can light cure the BLUE BLOKKER® as you work with a light pen, or in a light oven when you've finished applying the BLUE BLOKKER®.



Step 2 - Insulating and embedding

Insulate using BIOPLAST® Insulant.

If you have trimmed the model flat, place the model on to the platform.

If the model is not flat, embed in pellets. Position the blank in the chamber and perform the heating and cooling process according to the blank instructions.



Step 3 - Finishing

Use scissors or a scalpel to remove the excess material and cut to size. Soften the square edges with a trimmer and polish at a slow RPM.



Product checklist

BLUE-BLOKKER®	(code 5276)
BIOPLAST® bleach 1.0mm	(code 3190)
BIOPLAST® INSULATING AGENT	(code 3166)
COPYPLAST® 1mm	(code 3179)
SMALL SCISSORS	(code 3460)
DIMO®PRO	(code 3381)

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Making the business case

Investing in a pressure-forming machine for your practice makes sense on a number of levels. It gives you the means to produce your own appliances, including retainers, mouthguards and bleaching trays; saving you time and money. You'll benefit from complete control over your workflow, up-skill your staff, expand your range and improve your customer service.

Benefits to the practice

- **Future-proof your practice** - your nurses are likely to have learnt the skills needed to make appliances, either as part of their course, or perhaps through recent training. Having your own machine ensures you make the most of their skills.
- **Keep your team motivated** - by involving your staff, letting them use and expand their skills, you'll increase job satisfaction and team motivation.
- **Save money** - your lab bills will reduce as you transition to in-house appliance production.
- **Faster turnaround** - producing your appliances in-house gives you control over when your patients' appliances are made and fitted.
- **Customer service** - with your own machine you can offer a premium service to your private patients, remaking lost or broken appliances, adjusting appliances quickly and easily, and creating relief appliances on the spot for patients in need.
- **Traceability** - you're in control of buying your own materials so you can be confident in their quality - and you can experiment with different options.

Hints and tips

Leave the material to cool on the model before cutting to shape.

Once you've made the decision to buy a pressure-forming machine, support is available. At Eurodentic, we can help as you transition from lab to in-house production. We are always happy to offer advice, and our sister laboratory JJ Thompson is on-hand to assist with more complex jobs as and when required.



Hints and tips

Duran®+ has Isofolan® already attached - a one step technique.