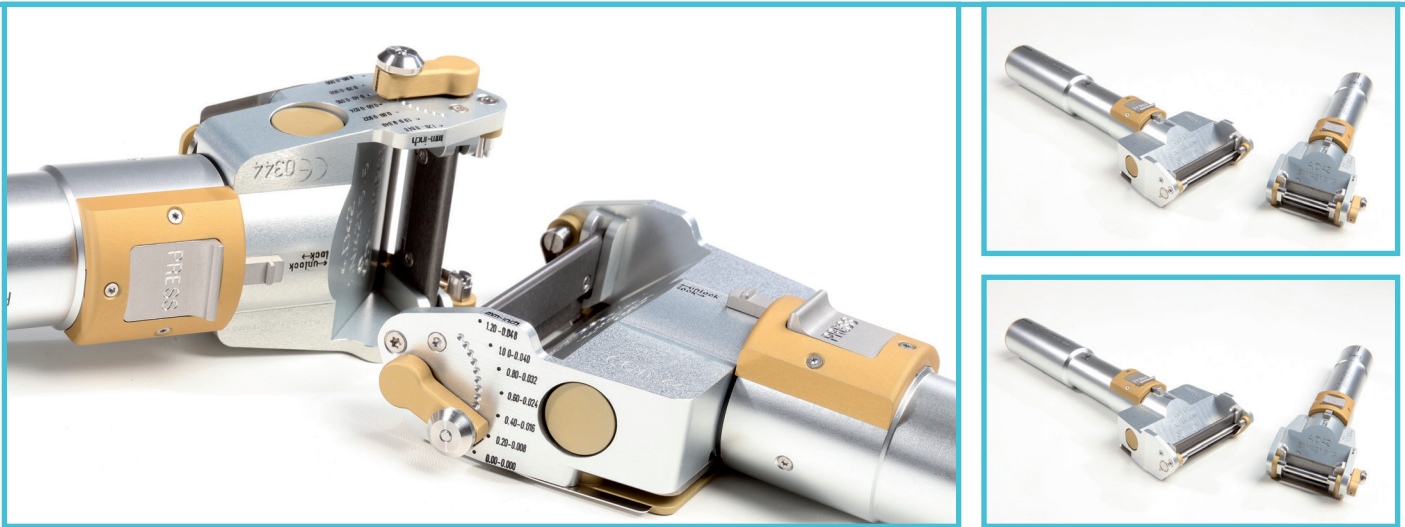




Skin Grafting

Cordless Dermatomes & Blades



Humeca have two cordless, battery operated dermatomes.

The larger D80 dermatome is highly adaptable and was developed for more general use, it is therefore much more widely used in the UK.

The small one, the D42 is a very maneuverable instrument. It is an excellent tool in paediatric and general plastic surgery, especially for primary excision and harvesting small grafts from curved surfaces. It also harvests the exact width of skin graft for Humeca's MEEK technique, speeding up the procedure.

Cordless dermatomes features

- Cordless, battery operated and lightweight design offers optimum maneuverability and mobility
- Precise thickness of the graft from 0.0 to 1.2 mm (0.000-0.0048») in 0.1mm (0.008») increments.
- The use of width-reducing clamps on the dermatome head allows cutting of smaller graft widths
- Thickness adjustment can be fixed to prevent accidental change of graft thickness during cutting.
- Safe and quick blade replacement
- Battery and motor of the instrument are not sterilized, thus guaranteeing optimum durability
- Powerful Li-Ion batteries with no memory effect allow long time cutting without intermediate charging
- Complete set in sterilisation case with separate battery charger
- Extremely small head of D42 allows precision cutting, especially in problematic zones and paediatric surgery
- Graft width of 42 mm (1.65”) assures optimum performance in combination with the MEEK technique

D42 D42 Dermtome Complete Set

D80 D80 Dermtome Complete Set

Blades: great value combined with good compatibility

Humeca supplies a range of high quality blades for the D42 and D80 cordless dermatomes; symmetrical and double facet grinded blades offer minimum resistance and uniform graft thickness. The blade moves at a maximum speed of over 7000 strokes per minute and this assures smooth cutting operation and also enables very thin grafting.

Dermatome Blades



Humeca supplies a range of high quality blades for different types of dermatomes.

Humeca also supplies blades that fit:
Aesculap® / B.Braun® cordless dermatomes

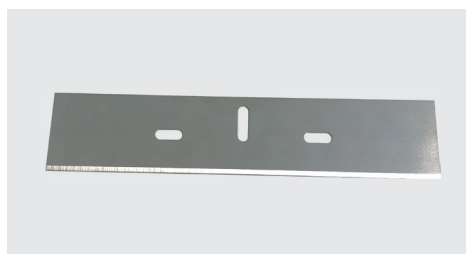
Padgett® dermatomes type B, C and S

Zimmer® dermatomes type 8801 (air) and 8821 (electric).

Blades: Features

- Precision facet grinded without burrs.
- Material: stainless steel 1.4034.
- Separately packed in pouch with safety sleeve.
- Radiation sterilised.
- Supplied in boxes of 10 pcs.

Please note that these blades are manufactured by Humeca and suppliers of the original brand blades are not responsible for their performance



Humeca blade that fits Aesculap® B.Braun® dermatome



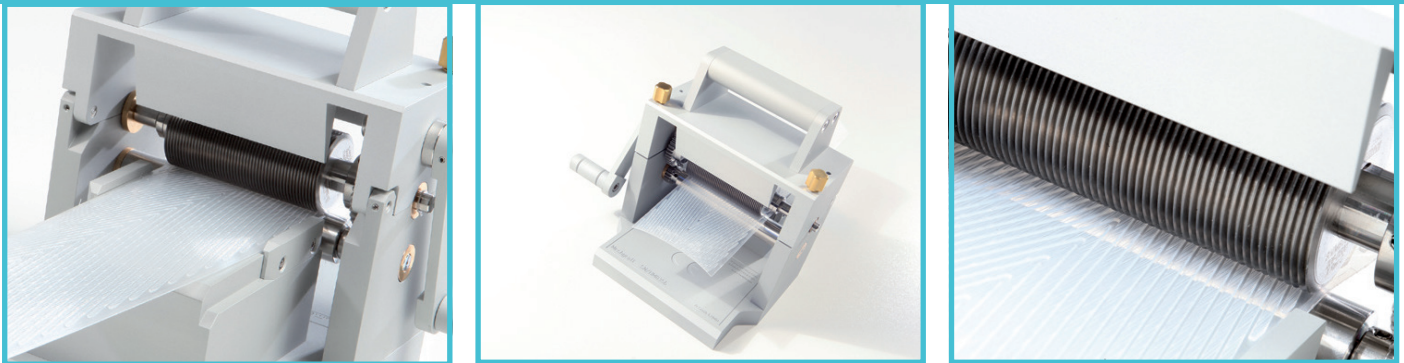
Humeca blade that fits Integra® Padgett® dermatome



Humeca blade that fits Zimmer® dermatome

5.D42BL10	D42 dermatome blades, box 10 pcs.
5.D80BL10	D80 dermatome blades, box 10 pcs.
5.BLZM10	Blades for Zimmer Electric and air dermatomes. Box of 10
5.BL4245	Blades for Aesculap® cordless dermatomes, box 10 pcs.
5.BLPG10	Blades for Padgett® dermatomes, model B, C and S, box 10 pcs.

Mesher



The Humeca mesher is provided with a unique spring mechanism that prevents the blades from excessive pressure on the carrier during cutting, thus increasing the life time of the blades. During cutting, the carrier is guided both at the left and the right side to assure straight movement and exact connection of the grooves of a second carrier if applied.

Unlike most conventional meshers, where the carrier is moved through the device by means of intermittently pulling a ratchet, the Humeca® mesher is driven by the continuous rotation of a handle. The rotation makes the meshing procedure less time consuming and the design is far more ergonomic.

Opening the bridge of the mesher allows easy access to the cutting axis for cleaning and inspection.

Mesher features

- Robust and durable construction
- Compatible with Humeca® V-carriers of all types
- Spring mechanism prevents blade damage
- Continuous rotational drive; no intermittent pulling of a ratchet
- Measures: 220 x 212 x 183 mm
- Weight: 4.4 kg
- Cutting axis can easily be removed for sterilisation
- Compact sterilisation case available with separate case for the cutting axis

6.HM01

Humeca Mesher

HMAC03

Humeca Mesher Sterilisation Case

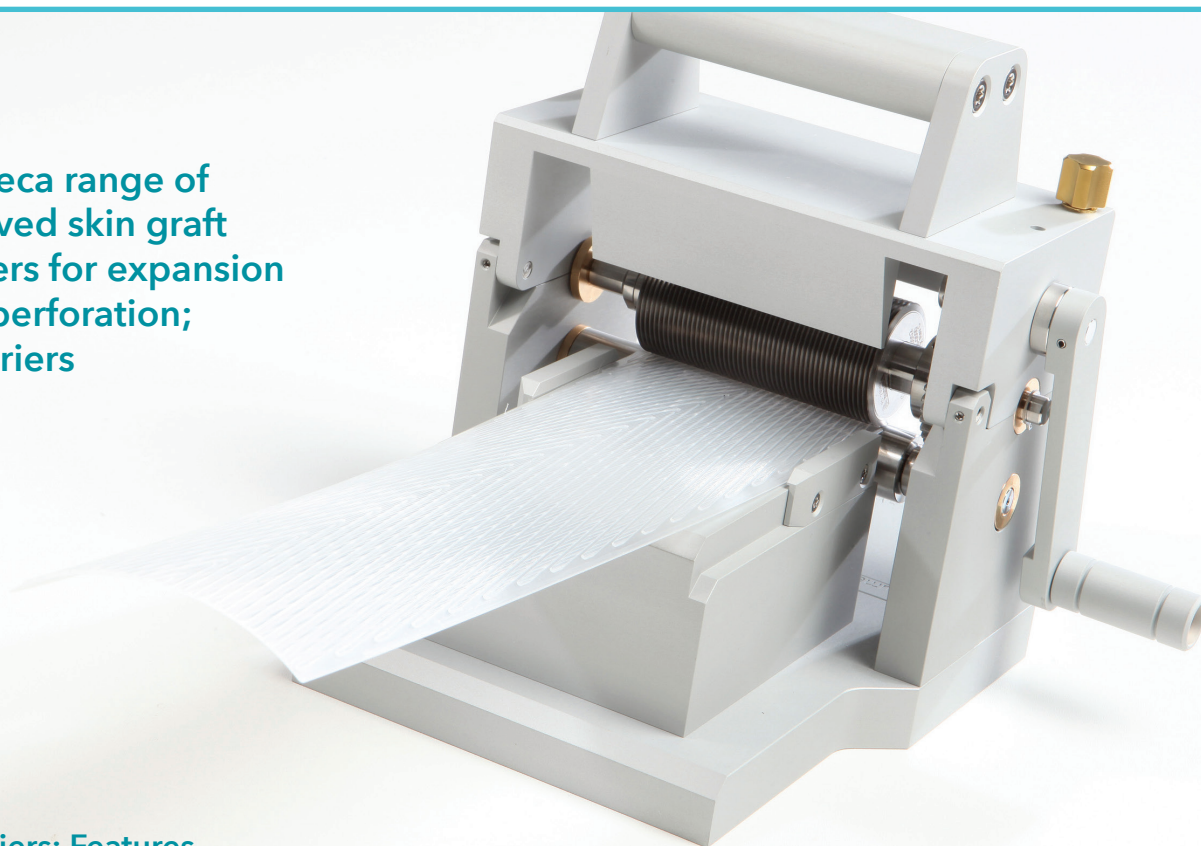
V-Carriers: for effective expansion and perfect perforation

Humeca introduces a new range of grooved skin graft carriers, called 'V-carriers'. The symmetric V-shaped groove pattern of these carriers prevents unwanted sideward movement during cutting. The standard length of these carriers is 28 cm and thus longer than the length of existing carriers. Care has been taken to ensure that the groove pattern of the carriers connect to each other and this enables cutting of extra-long graft strips.

The V-carriers are available in versions that are compatible with Zimmer® meshers and versions that are compatible with Aesculap® / B.Braun® meshers. Available expansion ratios: 1:1, 1:1.5, 1:2 and 1:3. The 1:1 carrier only perforates the graft without the intention of expanding it, also known as micro-meshing the skin

V-Carriers

Humeca range of grooved skin graft carriers for expansion and perforation; V-carriers



V-carriers: Features

- Compatible with existing Zimmer® and Aesculap® / B.Braun® meshers
- Symmetric V-pattern of grooves prevents sideward movement
- Standard length 280 mm, width 78.8 mm
- Expansion ratios 1:1.5, 1:2 and 1:3
- Special carrier for 1:1 perforation (drainage) of sheet grafts
- Highly flexible medical grade polypropylene material
- Individually sterile packed in peel pouch; standard boxes 10 pcs.
- Attractively priced



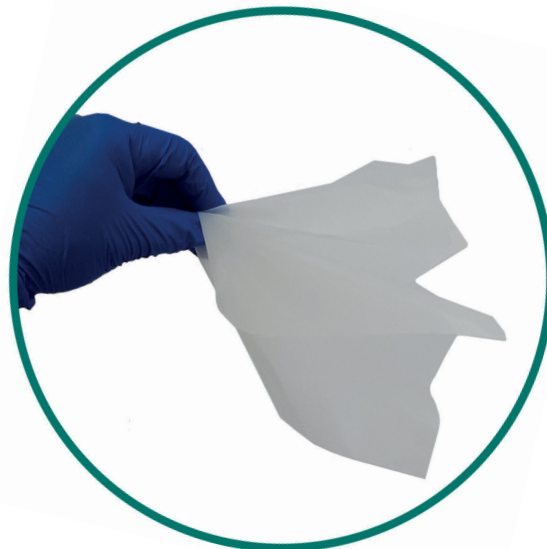
6.V10-1.0	V-carrier, perforation 1:1, for Humeca and Zimmer® meshers, box 10 pcs.
6.V10-1.5	V-carrier, expansion ratio 1:1.5, for Humeca and Zimmer® meshers, box 10 pcs.
6.V10-2.0	V-carrier, expansion ratio 1:2, for Humeca and Zimmer® meshers, box 10 pcs.
6.V10-3.0	V-carrier, expansion ratio 1:3, for Humeca and Zimmer® meshers, box 10 pcs.
6.V15-1.0	V-carrier, perforation 1:1, for Humeca and Aesculap® / B.Braun® meshers, box 10 pcs.
6.V15-1.5	V-carrier, expansion ratio 1:1.5, for Humeca and Aesculap® / B.Braun® meshers, box 10 pcs.
6.V15-3.0	V-carrier, expansion ratio 1:3, for Humeca and Aesculap® / B.Braun® meshers, box 10 pcs.

SURFASOFT

The perfect wound contact layer

Surfasoft® is a unique transparent dressing made of monofilament polyamide, creating a smooth and transparent fabric with an open draining surface of 41%. The unique porous pattern allows evaporation and drainage of wound fluids, without drying the wound surface, as well as topical preparations to pass through to the skingraft when using for burns.

As a non-adherent interface, Surfasoft® can be used as a protection for vulnerable wound surfaces and ensures undisturbed wound healing. Surfasoft® maintains an optimal moist environment for wound healing. Surfasoft® can be used safely with most absorbent dressings thanks to the inert contact material composition. Dressing changes are also much easier to perform and are less painful for the patient.



Product features and benefits

Easy use

- Easy to cut to size
- Does not stick to gloves and is very easy to apply and to model in cavities
- Easy to remove without damaging the newly formed epithelium or granulation tissue

Tissue-friendly

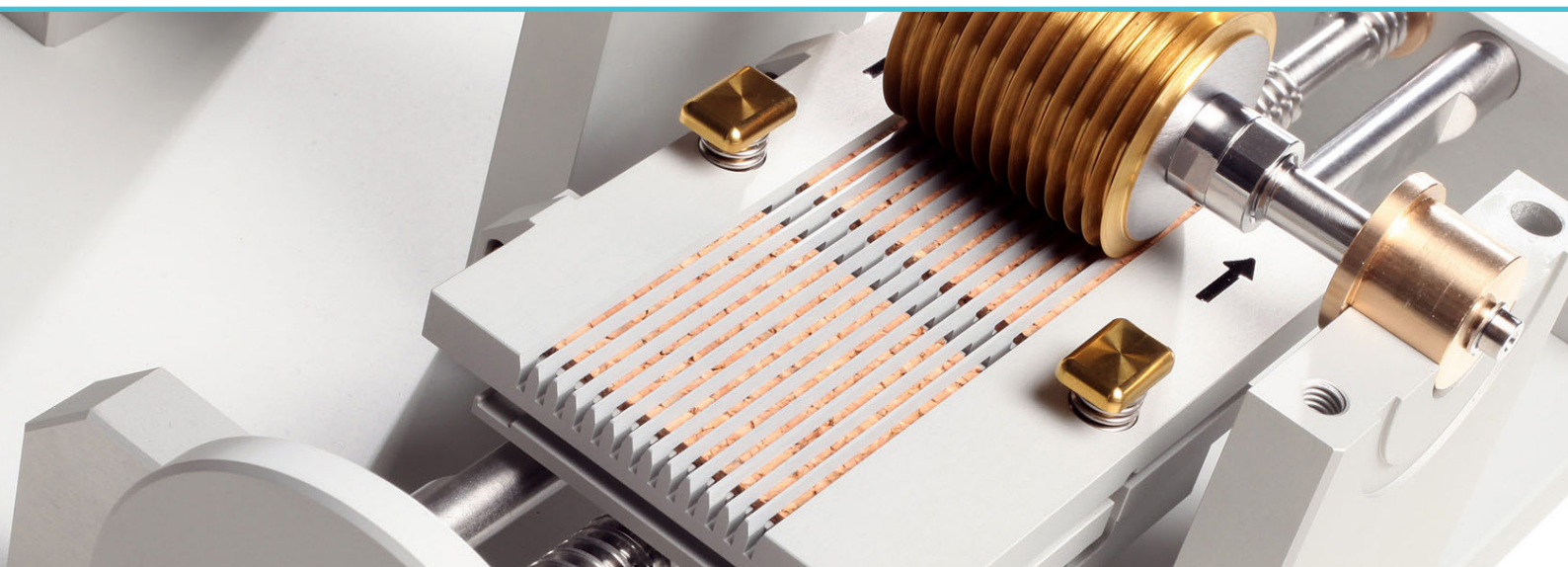
- Non-adherent
- Non-irritating
- Hypoallergenic
- Latex free

Product applications

- Superficial & full thickness burns
- Donor sites
- Graft fixation sites
- NPWT indications
- Partial & full thickness wounds
- Traumatic and chronic wounds
- Clean closed surgical incisions
- Dermatologic lesions

1015S	Surfasoft® 10 cm x 15 cm, box 10 pcs.
2033S	Surfasoft® 20 cm x 33 cm, box 25 pcs.
5065S	Surfasoft® 50 cm x 65 cm, box 5 pcs.

MEEK



All burn surgeons worldwide face the same problems in treatment of severe burn wounds such as limited donor sites and difficulty in handling widely meshed skin grafts, especially when expansion ratios of 1:3 and higher are required.

The expansion ratios of these mesh grafts are not realistic as 25% - 40% is lost during meshing and handling.

We are proud to be the exclusive supplier of the modified MEEK technique, the solution to all of these problems.

Unique MEEK features

- Very small donor sites required
- Large expansion ratios, up to 1:9, possible
- Any small skin fragments can be used so no precious donor skin is wasted
- Fast and uniform epitheliasation
- Excellent graft take due to correctly orientated graft islands
- Failure of a few islands does not affect overall graft take
- Cosmetic results comparable with mesh grafts of a lower expansion
- Grafts very easy to manipulate
- Less infections and faster healing process



3.MD	MEEK Cutting Machine
2.2/100	Gauze and cork boards ratio:1:2. Box of 10
03.3.196.02/10	Gauze and cork boards ratio 1:3. Box of 10
04.3.196.02/10	Gauze and cork boards ratio 1:4. Box of 10
06.3.196.02/10	Gauze and cork boards ratio 1:6. Box of 10
09.3.196.02/10	Gauze and cork boards ratio 1:9. Box of 10
2.9190	MEEK Adhesive spray -£38/can

To watch a video
on the MEEK
technique, scan
the QR code





Learn more, scan the QR code below



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