

ELECTROSURGICAL ACCESSORIES

Single Use Patient Return Electrodes



Valleylab patient return electrodes are recognized worldwide for quality, safety, and innovative technology. All return electrodes are manufactured using Valleylab's patented PolyHesive™ high moisture, conductive adhesive hydrogel to assure the highest level of patient safety.

POLYHESIVE™ BENEFITS

- Water-based hydrogel lowers skin resistance.
- Unique elongation fills patient skin irregularities and minimizes contact voids to improve the total electrical conduction area.

ELECTRODE BENEFITS

- Surface area disperses current over large area, minimizing heat buildup.
- Acrylic adhesive improves pad contact quality and provides a moisture barrier to significantly reduce the potential for fluid invasion.
- Adult, infant (< 30 lbs), and neonatal (< 6 lbs) sizes available.
- Non-irritating and non-sensitizing*.

REM™ CONTACT QUALITY MONITORING SYSTEM

- The exclusive Valleylab REM™ system monitors patient impedance levels, automatically deactivating the generator if a fault at the patient return electrode is detected.
- The REM™ system is an integral part of the Valleylab Full Circuit™ system standardization program.
- Proven safe in more than 100 million procedures.



* Testing done in accordance with FDA recommended ISO skin irritation study and ISO sensitization study.

LIGASURE™ VESSEL SEALING SYSTEM
ELECTROSURGICAL GENERATORS
ELECTROSURGICAL ACCESSORIES
LAPAROSCOPIC INSTRUMENTS
SMOKE EVACUATION PRODUCTS
ARGON-ENHANCED ELECTROSURGERY
COOL-TIP™ RF ABLATION SYSTEM
RF PAIN MANAGEMENT SYSTEM
EDUCATION & TRAINING

Single Use Patient Return Electrodes

Technical Specifications

	NEONATAL REM POLYHESIVE™ II	INFANT REM POLYHESIVE™ II	ADULT REM POLYHESIVE™ II	ADULT (NON-REM™) POLYHESIVE™
OVERALL DIMENSIONS	5.3 x 9.8 cm (2.10 x 3.86 in.)	9.5 x 12.1 cm (3.75 x 4.75 in.)	18.3 x 11.4 cm (7.2 x 4.5 in.)	18.3 x 11.4 cm (7.2 x 4.5 in.)
CONDUCTIVE SURFACE AREA	33 cm ² (5.10 in. ²)	75 cm ² (11.6 in. ²)	137 cm ² (21.3 in. ²)	137 cm ² (21.3 in. ²)
POWER CONSIDERATION	Maximum power settings must be followed according to the instructions for use.	This electrode should be used with generator power settings not to exceed 150 watts.		
BORDER ADHESIVE	0.71 cm (0.28 in.) Includes secondary liner over border when fluid seal is not required. Medical grade acrylic adhesive reinforced with thermoplastic film.	0.95 cm (0.375 in.) Includes secondary liner over border when fluid seal is not required.	1.11 cm (0.44 in.)	1.11 cm (0.44 in.)
ADHESIVE CONDUCTOR	Proprietary, nonirritating formula developed exclusively by Valleylab			
BACKING MATERIAL	Cross linked, closed-cell, polyethylene foam			
CORD	Withstands 4000v (RMS) at 60 Hz; attachment withstands 15 lbs pull (Does not apply to E7508, E7509)			

Order Information

CATALOG NUMBER	DESCRIPTION	ORDER QUANTITY
E7512	Neonatal REM PolyHesive™ II patient return electrode with 2.7 m (9 ft) attached cord	12 units/case
E7510-25	Infant REM PolyHesive™ II patient return electrode with 2.7 m (9 ft) attached cord	25 units/case
E7510-25DB	Infant REM PolyHesive™ II patient return electrode with 4.6 m (15 ft) attached cord	25 units/case
E7506	Adult non-REM™ PolyHesive™ patient return electrode with 2.7 m (9 ft) attached cord	50 units/case
E7507	Adult REM PolyHesive™ II patient return electrode with 2.7 m (9 ft) attached cord	50 units/case
E7507-DB	Adult REM PolyHesive™ II patient return electrode with 4.6 m (15 ft) attached cord	50 units/case
E7508	Adult REM PolyHesive™ II patient return electrode without cord (requires E0560 reusable cord)	100 units/case
E7509	Adult REM PolyHesive™ II patient return electrode without cord (requires E0560 reusable cord)	50 units/case
E7509B	Adult REM PolyHesive™ II patient return electrode without cord (requires E0560 reusable cord)	600 units/case
E0560	Reusable clamp/cord assembly 4.6 m (15 ft) for use with E7509 and E7509B	1 each

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