

isoweld®

Induction Welding System

Innovative induction welding system which welds adhesive coated plates to single ply membranes

- 1-step calibration
- Hand-held inductor
- Constant monitoring of membrane surface temperature
- "x2" welding - two membrane thickness

- 3-way weld verification
- Plate-finding search function
- No "false positive" welds

For more information
Or to buy this product
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Application

isoweld® System


- PVC and TPO single ply membrane: 35-90 mils
- Polyiso insulation
- High density cover boards
- EPS insulation
- Foil faced insulation
- Mineral wool insulation
- Parapet wall welding




Contents included in shipping/storage case:

- 1 - isoweld® 3000 stand-up tool
- 1 - calibration template
- 5 - replacement protective pads for inductor
- 1 - instruction manual
- 1 - plunger cup


Additional Components



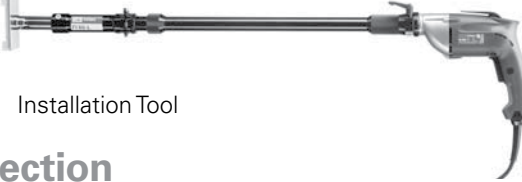
Hand-Held inductor




Magnets (8) and magnets in case




#15 Dekfast Fastener




Installation Tool



TPO Plate (500/plastic pail)



PVC Plate (500/plastic pail)



Pad for EPS/XPS application

Selection

System Component	Material No. Sell	Material No. Rental
isoweld® 3000	1349227	1351200
Hand inductor	1345222	1355217
Magnets (set of 8)	1330067	1355216
#15 Dekfast fastener	Length Dependent	N/A
TPO Plate (500/plastic pail)	1486155	N/A
PVC Plate (500/plastic pail)	1486156	N/A
Installation tool	1336394	N/A
Pad for EPS/XPS application	1351805	N/A

Technical Data

Dimensions & Weight

isoweld® 3000 - 43"H x 21"W x 16"D
 isoweld® 3000 - 32"L x 23"W x 18"D (in case)
 isoweld® 3000 - 41 lbs.; 88 lbs. (in case)
 Magnets, set of 10 - 34"L x 13"W x 9"D (in case)
 Magnet, single - 2.7 lbs.
 Magnet, set of 8 - 53 lbs. (in case)
 Hand-held inductor cable length - 13'
 Plates, 500 pc. plastic pail - 9-7/8" x 9-7/8" x 4-3/8"; 34 lbs

Electrical - minimum requirements*:

Voltage: 110V (50-60 Hz) /230V
 Current: 20 amp, GFI protection
 Power: 5000 W generator, dedicated
 12AWG/3 power extension cord
 100' maximum length of power extension cord

*Power cords of larger conductor size (10AWG/3) and shorter length are recommended for optimal performance.

Recommended Application Limits:

Temperature: 23°F - 122°F
 Slope: <10°

Approvals



State of Florida: FL20311

12-1017.07