

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

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 and magnets in case (set of 6 or 12)

Installation Tool

#15 Dekfast Fastener

TPO Plate (500/plastic pail)

PVC Plate (500/plastic pail)

Pad for EPS/XPS application

Selection

System Component	Material No.	Material No.
	Sell	Rental
<i>isoweld</i> ® 3000	1543691	1351200
Hand inductor	1345222	1355217
Magnets (set of 6)	1550566	-
Magnets (set of 12)	1550564	-
Magnets (set of 10)	-	1355216
#15 Dekfast fastener	Length Dependent	N/A
TPO Plate (500/plastic pail)	1555269	N/A
PVC Plate (500/plastic pail)	1555270	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 - 37"L x 23"W x 24"D (in case)
isoweld® 3000 - 42 lbs.; 80 lbs. (in case)
 Magnets, set of 6 or 12 - 35"L x 24"W x 14"D (in case)
 Magnet, single - 2.7 lbs.
 Magnet, set of 6 - 40 lbs., set of 12 - 57 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.

Approvals



State of Florida: FL20311

12-1017.07

Recommended Application Limits:

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