

# i5

# PRO SPOT

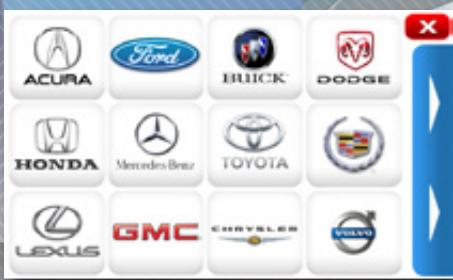


DESIGNED FOR NEW ADVANCED STEELS:  
AHSS, HSS, T.R.I.P., BORON

FEATURING A NEW TRANS-GUN DESIGN  
WITH SMART WELD TECHNOLOGY



Auto-weld  
Smart,  
Very Smart



Over 4,000  
OEM screens



Touch Display  
Controls

It measures, senses, and then welds every time regardless of metal, thickness or type.

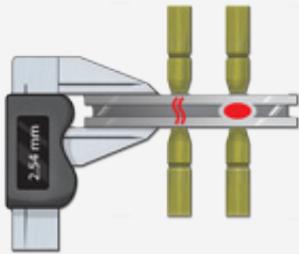
**i5** it's smart



### Actual welds made with the i5 in Auto Mode

Notice the consistency of the weld nuggets and the heat affected zone. The welds stay very consistent when welding 2 layers (2.4mm), 3 layers, 4 layers and 5 layers (6.0mm) as well as welding through boron steel. No weld settings were changed. The i5 automatically adjusted to the correct settings.

**Smart, very smart.**



### Auto Mode

While in AUTO mode the i5 measures metal thickness automatically using the latest optical technology. The i5 then senses the metals to be welded from a pre-delivered current to determine the type of metal. Based on the thickness and resistance feedback data the i5 delivers the correct weld power every time regardless of type of metal, thickness or corrosion protection between the metals.



The high resolution full color TOUCH screen display makes for easy navigation. The OEM section of the software features over 4000 OEM repair screens with weld data and repair recommendations from the car manufacturers. Data can be uploaded and downloaded via USB. The screen casing can be swiveled up to 270° for ease of viewing.

## Two Sided Double-Acting Spot Welding Gun



### Spot Gun Features

- >> Double-Acting Cylinder
- >> High squeeze pressure: > 1,000 lbs  
Same pressure with all extension arm sizes.
- >> Water-Cooled to the tips.
- >> Self aligning electrodes. No adjustment needed after changing arms.
- >> Wide-spreading electrodes for hard to reach areas.
- >> X-Gun adaptive
- >> Replaceable electrode caps

### Double-Acting Spot Welding Gun

This great feature of the i5 spot gun allows the operator to reach over common (but hard to get to) weld areas with ease. Areas such as rear body panels, roof panels and radiator supports. Just push the top switch and the gun pneumatically spreads the tips apart to reach over the wide areas. Welders without this feature have to have the arm unbolted and physically moved. With the i5 no need to let go of your grip just push the button. **Smart, very smart.**



(PSW-503)  
600mm U-arm  
\*Optional

(PSW-305)  
520mm U-arm



(PSW-309)  
320mm U-arm  
\*Optional



(PSW-52-5/8)  
Wheel house arm



(PSW-302)  
C-arm



(PSW-403)  
C-X Adapter  
\*Optional

### Available Arms

The Pro Spot i5 is available with a variety of extension arms to accommodate any welding situation.



Welding with the Wheel House Arm makes it possible to weld in the most difficult areas.



For deeper needs use the Pro Spot extension U-Arms (508mm - 600mm). They are self aligning and quick to install.



Spot welding of quarter panel using C-Arm

# SINGLE-SIDED WELDING ADAPTER

The Single-Sided welding software comes pre-loaded with the i5 (Single Sided Adapter is optional). Quick change between 2-sided and 1-sided welding.



- Single-Sided Welding
- Carbon Shrinking
- Washer Welding
- Nail Welding
- Bolt and Nut Welding
- Moulding Clip Rivet Welding
- Contact Shrinking



Spot Hammer  
Dent Pulling



Pro Pull  
Dent Pulling



## Additional Accessories



Overhead Boom  
and Boom Bracket

Tool Balancer  
M-285



Welder Cover  
80-0001



Tip Dresser  
PLT-51  
\*Optional

## i5 technical details

Input Voltage:	208 - 240v 50/60 hz 400 - 420v 50/60 hz
Welding Amperage:	13,000A max
Cable Length:	Input 30' (10m) weld cable 16' (5m)
Electrode Pressure:	1050 lb (480 daN)
Liquid Cooling System:	Radiator / pump active loop cooled to the weld caps.
Microprocessor:	Upgradable software platform.
Protection:	IP 21
Patents (3):	no. 5,239,155 6,706,990 6,539,770
Weight:	314 lb (142 kg)



Manufactured by:  
**Pro Spot International, Inc.**



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