

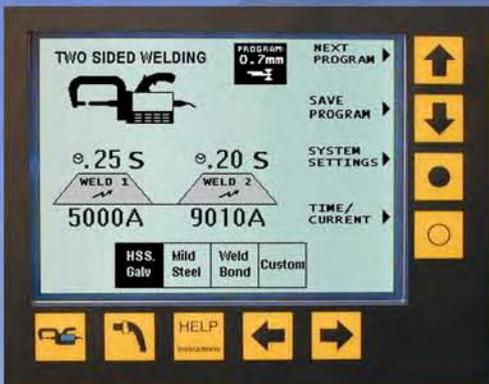
PR-2000

PRO SPOT

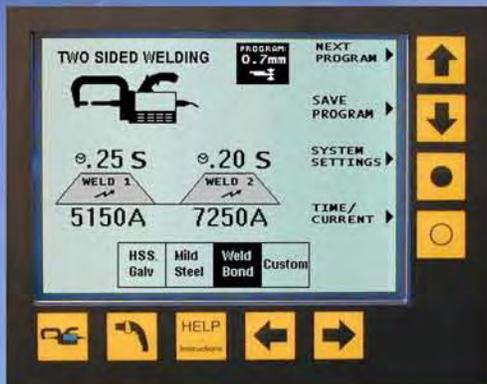
INVERTER SPOT WELDING SYSTEM



Intertek



HSS Steel Welding



Weld Bonding



Multiple Languages



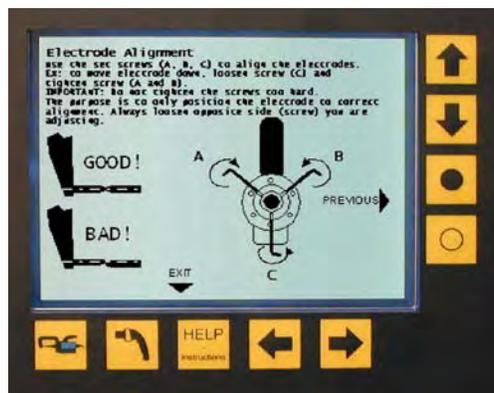
PR-2000 ADVANCED SOFTWARE PLATFORM

Advanced Weld Features



The two sided weld program features four main weld modes: HSS/Galv, Mild Steel, Weld Bonding and Custom. Upslope and Downslope of the weld current are automatically applied. With the Dual Weld Mode, current / time can change within the weld. Example: for the first 10 milliseconds a lower weld current is applied, then after a programmable pause, a higher weld current is applied for 8 milliseconds. The first pulse pre-heats the area, softening the metal, so when the second - higher pulse is applied, it recognizes the change in resistance as it applies the current. At that precise moment, the applied squeeze pressure can easily fuse the metals into a weld nugget. This feature is often used by OEM welders when welding Boron Steel, which is extremely hard.

Help / Training on-board



Questions? No problem. In any weld screen, just push the 'HELP / INSTRUCTION' button. The on-board instructions will guide you in the language of choice on the large monitor where images and instructions are displayed.

Multiple Languages



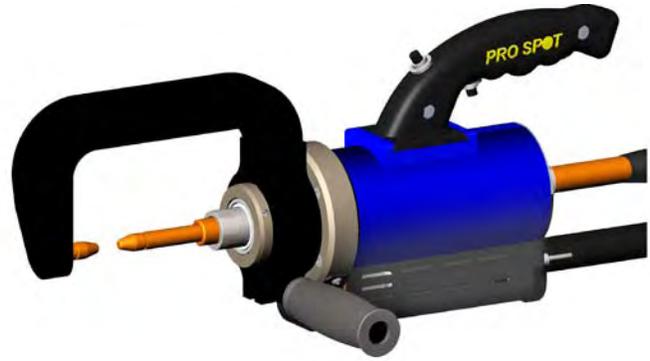
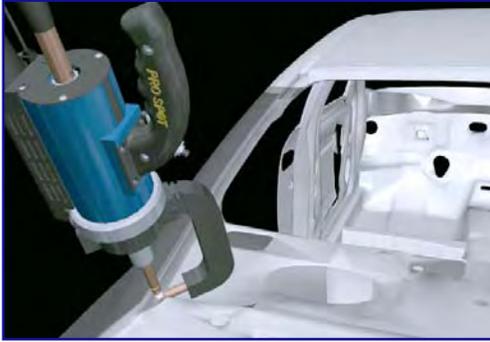
PR-2000 software is equipped with a multiple-language feature which allows the users to choose one of the several built-in languages.

OEM APPROVED

Pro Spot spot welding equipment is now approved by Toyota, Lexus, DaimlerChrysler, GM, Nissan, Volvo, Volkswagen, Mazda, Ford, Lincoln, Mercury, KIA, Audi, SAAB, Infiniti, ISUZU, Daewoo and others...



PS-500: Two-Sided Double-Acting Spot Gun



- PS-500 Spot Gun Features:**
- ✓ Double-Acting Cylinder
 - ✓ High squeeze pressure: >600Lbs.
Same pressure with all extension arm sizes.
 - ✓ Self aligning electrodes. No adjustment needed after changing arms.
 - ✓ Wide-spreading electrodes for hard to reach areas.
 - ✓ X-Gun adaptive
 - ✓ Replaceable electrode caps



AVAILABLE ARMS

The Pro Spot PR-2000 comes with a variety of extension arms to accommodate any welding job situation.

NOTE: Extension arms marked "optional" are available from your local distributor or online at www.prospot.com



X-Adapter (optional)

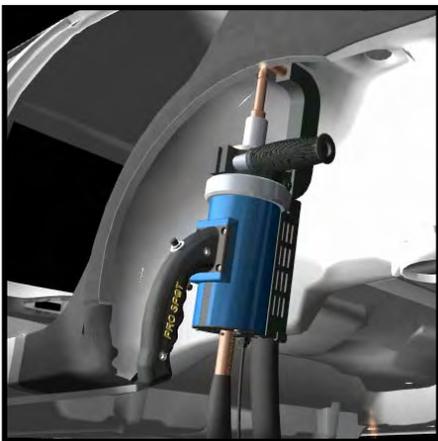
Switch between C and X guns in just 15 seconds.
Best of both worlds in one gun!



The X-type design is used on certain applications where the C-type can't reach. 90% of all welding needs can be done with the C-type but for some radiator support and truck bed pinch welds, the X-Adapter works better. This new invention from Pro Spot now makes it possible to weld where you never could before!



Patented



Wheel House welding with PS-52-5/8 Arm makes it possible to weld the most difficult applications.

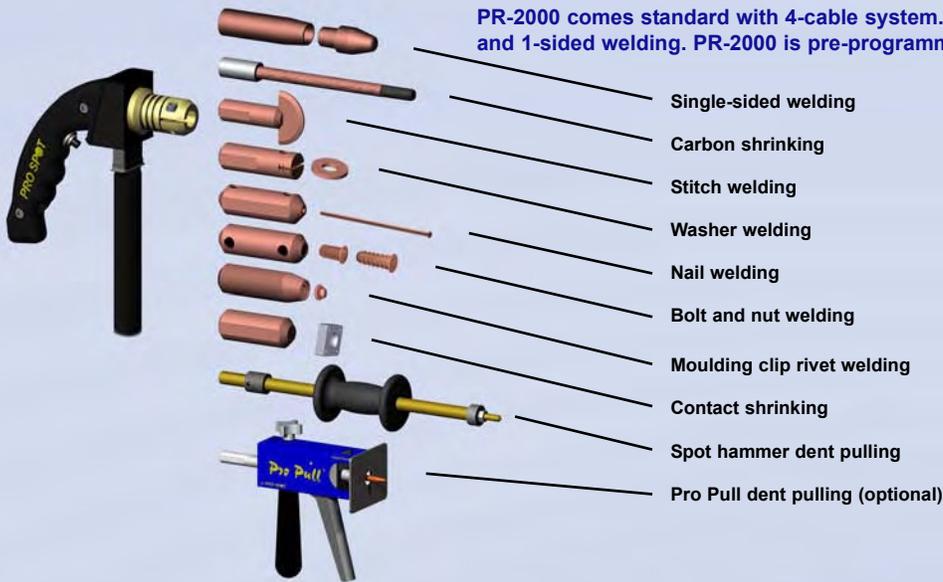


For deeper needs use the Pro Spot extension arms (PS-305 and PS-503-W). They are self-aligning and quick to install.



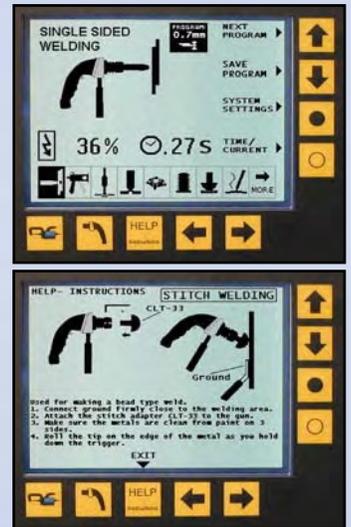
Spot welding of quarter panel using C-Arm (PS-302).

SINGLE-SIDED GUN FEATURES



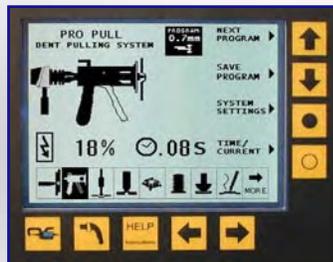
PR-2000 comes standard with 4-cable system. That means quicker change between 2-sided and 1-sided welding. PR-2000 is pre-programmed with 60 Single-Sided programs.

- Single-sided welding
- Carbon shrinking
- Stitch welding
- Washer welding
- Nail welding
- Bolt and nut welding
- Moulding clip rivet welding
- Contact shrinking
- Spot hammer dent pulling
- Pro Pull dent pulling (optional)



Pro Pull (optional)

New innovative tool for fast and accurate dent pulling.



Pro Pull is the latest in dent pulling technology for the collision industry. This tool makes dent pulling into art! It's designed to be extremely flexible. Thanks to the replaceable blocking plates and the adjustable weld shaft, the operator has a lot of options available in how to maximize the pulling technique used when straightening the dent.

- ✓ Makes dent repair quick, easy and accurate
- ✓ Fast changing blocking plate system
- ✓ Adjustable weld shaft
- ✓ Available for any weld gun
- ✓ Paintless Dent Removal Available (optional)



Built-in MIG Welder

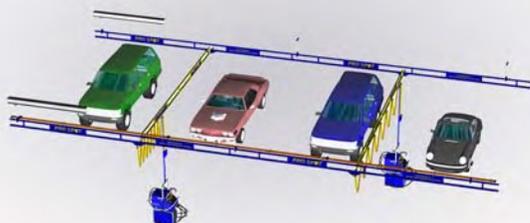
PR-2000 features an easy upgrade to include a PR-155 MIG welder. It can be installed later as an upgrade package. This feature allows the convenience of spot and MIG welding in one unit!



Overhead Installation

Pro Spot PR-2000 comes in an overhead ceiling mounted version. The ceiling mounted version hangs from the ceiling at 20' bracket spacing.

- ✓ All the features of a portable PR-2000 welder plus a MIG welder in one convenient ceiling mounted system!
- ✓ Nothing touches the floor... except your feet
- ✓ Always connected, ready to weld
- ✓ Stores out of the way when not in use
- ✓ No cables, air hoses or welders on the floor
- ✓ Moves very easily... just direct the welder to where you want to weld ..its so easy!



PR-2000 Technical Talk ...

Input voltage:

3 phase
208-240V 50/60 Hz.
400-420-480 50/60 Hz.

Welding amperage:

10,500A max (3-phase)
6,300A max (1-phase)

Welding cable length:

8' (2.5m) standard

Electrode Pressure:

At 7 bars (90 PSI)-280 DaN (616 Lb)
At 9.5 bars (135 PSI)-420 DaN (924 Lb)

Cooling system:

Air (2 fans), Compressed air
(weld gun and weld cables)

Micro processor:

PR-2000 Digital Software Platform

Protection:

IP21

Patents (3):

no. 5,239,155, no. 6,706,990, no. 6,539,770

Dimensions:

24"(61 cm)x15.75"(40cm)x44"(111.7cm)

Shipping weight:

365lb (169kg)



Manufactured by:
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