

Is your Resistance Welding Cell Complete?

New Technology to Complete your Resistance welding cell with Automatic Tip Dressers, Automatic Tip Changers, Insulated blind shanks, and coated electrodes

Using *automated tip dressers* can extend your electrode life by machining the electrode back to the original geometry to bring the current density back up without increasing the weld heat. Now the benefits of the Huys TiCap can be used with tip dressing. New *Side dressable TiCaps* coupled with side-dressing blades cut the electrode back to the original geometry without removing the TiCap coating and eliminate the conditioning period after each dress.

Incorporating these various technologies into a robotic cell can greatly improve the productivity and reduce the cost of maintenance and downtime due to scheduled interruptions.



Automatic Tip Changers Make RSW 'Hands Off'

Automatic electrode tip changers help make your weld cells more productive with reduced downtime.

The additional benefit of keeping your maintenance personnel out of the weld cell to perform tip changes increases the safety of the RSW cell. Preloading of the tip changer with the proper tips and programming the welder to change tips at regular intervals can allow uninterrupted welding for entire shifts or even days.

Coupled with an automatic tip dresser, your automated resistance welding cell can run maintenance free for days.

Keeping the weld cell clean and dry can be difficult when changing tips. Our **INSULATED BLIND SHANKS with their patented polymer coating**, keeps the cooling water from damaging your equipment, prevents accidentally welding work pieces to shanks, and reduces the risk from a potentially dangerous work environment.

Huys' practical products save our customers' money!

Effective Cooling without the Hazards of Water Leakage

Huys' new insulated blind copper shanks have a **polymer** coating on the tip of the shank to prevent current from being passed in the event that an electrode cap falls off during operation. Using a blind shank is essential when working with automated tip dressers and tip changers.

The blind shank does not allow water to actually come in contact with the electrode cap, but facilitates cooling of the electrode with increased contact along the taper of the cap using the excellent heat sinking properties of the copper-copper contact. **Insulating the end** of the shank will ensure that it does not get damaged or become welded to the work piece in the event of a cap coming off — a risk more common with increased automation and less human control — and can be used for many tip changes.



Only from Huys!