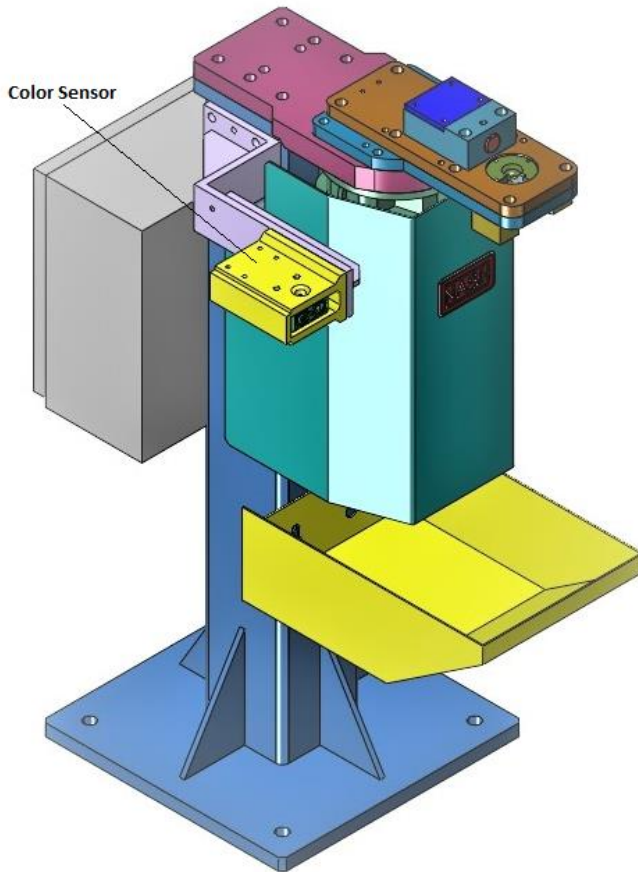


PEDESTAL MOUNTED ELECTRODE DRESSER

NASH

For IT / Non-IT Spot Welding Guns
Electric Motor Driven



Model : NTD-400CS

(With Colour Sensor)

Features

- Light weight, strong and compact,
- Heavy duty gear train generating high torque,
- Standard cutter design,
- Motor mounting options,
- Rebuild / Repair services.

Specifications

- Motor Horse Power 0.5 HP (3 Phase)
- Motor Torque 2.6 NM
- Motor RPM 1380 RPM
- Cutter Speed 112 RPM
- Cutter Torque 32.5 NM
- Weight with stand 45 Kgs.

During the spot welding process, the welding Cap-Tips are subjected to severe heat and force. After some time, electrode faces begin to deform. As the Cap-Tips face Dia increases, spot quality deteriorates due to severe reduction in current density and electrode pressure.

It is therefore essential to dress the Cap-Tips at predetermined number of spots to maintain current density and electrode pressure for best quality spot. Pl. refer catalogue for importance of dressing (Copy enclosed). Colour-Sensor Station is to check proper dressing of Cap-tips before welding operation.

Weld Controller features:

- Welding will stop when Tip dress count is reached in the weld controller.
- Tip dress operation will start by pressing foot switch / initiation switch.
- Once the Tip dress operation is initiated the gun force will be reduced to low force through proportional valve.
- The Gun can be opened at any time if high lift switch is pressed. This facility is given in case the Gun cap-tips are closed at incorrect position by the operator.
- The operation is completed only upon sensing of the cap-tips via color sensor.
- Tip dress operation can be resumed even in case of mains power was cut off during previous tip dress operation (incomplete operation).