Experience an innovation in robotic MIG welding. The AUTOTIP® from Nasarc automates the routine task of manually changing a MIG welding contact tip.

The AUTOTIP® removes and replaces a spent tip with a new tip, reducing tip changing time to as low as thirty seconds. An onboard tip cartridge allows for 175 tip changes without operator intervention.

**FEATURES**

**Automated Tip Removal and Disposal:**
- Reduced cycle time results in increased productivity. Tip change cycle time is reduced to as low as 30 seconds when used with the AUTOCLEAN®. Used contact tips are automatically disposed of into a dedicated tray for easy cleanup.

**Automated Contact Tip Replacement:**
- Onboard contact tip cartridge allows for fully automated tip replacement for 175 tip changes with minimal downtime.

**Easy Tip Cartridge Reloading:**
- Pre-loaded cartridge allows for easy and rapid change-out.

**Intuitive User Interface:**
- Designed to allow for easy setup, diagnostics and reporting at point of use.

**Industrial Network Capable:**
- Equipped with Ethernet/IP network capability.

**TECHNICAL DATA**

- **Footprint Size:** 23.1” H x 15.5” L x 10” W
- **Air Supply:** 85 PSI, 13 CFM
- **Power Supply:** 24 VDC, 5.0 A
01 Pre-loaded tip cartridge holds 175 tips for fully automated tip replacement with minimal downtime.

02 Tip removal and replacement; power and precision ensure a full removal and consistent tightening torque.

03 Convenient in-stand tip disposal tray for quick and easy removal of spent tips, resulting in a cleaner welding environment.

**THREE PROCESSES**

01 Pre-loaded tip cartridge holds 175 tips for fully automated tip replacement with minimal downtime.

02 Tip removal and replacement; power and precision ensure a full removal and consistent tightening torque.

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**BENEFITS**

- **Cycle Time:** Reduced downtime resulting in increased productivity. Tip change cycle time can be as low as 30 seconds when used with the AUTOCLEAN®.

- **Quality:** Improved weld quality through consistent tip fastening torque.

- **Flexibility:** Tip change schedule can be programmed for optimum tip performance.

- **Safety:** Operator entry into robot weld cell is reduced.

- **Powerful:** Capable of removing and replacing a tip with a burnback condition.
**USER INTERFACE**

**EASY ACCESS TO INFORMATION AT POINT OF USE.**

- Intuitive user interface available for setup and robot programming.
- Onboard controls are used to measure and manage internal functions and communications with the robot.
- LCD readout allows for complete setup and diagnostics.

**WEB SERVER- EXTENDED USER INTERFACE**

- Built-in web server user interface offers enhanced diagnostics, configuration, remote monitoring and analytics.

**ROBOT INTEGRATION**

**ROBOT INTEGRATION IMPLEMENTED THROUGH ETHERNET/IP.**

**ETHERNET/IP:**

- Intuitive user interface available for setup and robot programming.
  - Expanded I/O for enhanced control
  - Cycle counters on each process
  - Consumable management
  - Error codes
  - Process diagnostics
  - RS-logix AOI is available for easy integration

**FLEXIBLE MOUNTING OPTIONS**

The mounting box may be installed on the recommended stand (sold separately) with various heights available on a custom stand or fixture.
**ORDERING INFORMATION**

1. **AUTOTIP®**
   Ethernet/IP

2. **CONTACT TIPS (REQUIRED)**
   CONTACT TIP CARTRIDGE, HD COPPER DHP (QTY 175)
   
   - 0.035” (0.9 mm) \(\text{NTTB-35-CG175}\)
   - 0.040” (1.0 mm) \(\text{NTTB-40-CG175}\)
   - 0.045” (1.2 mm) \(\text{NTTB-45-CG175}\)
   - 0.052” (1.3 mm) \(\text{NTTB-52-CG175}\)

   CONTACT TIP CARTRIDGE, HD LONG LIFE CuCrZr (QTY 175)
   
   - 0.035” (0.9 mm) \(\text{NTTC-35-CG175}\)
   - 0.040” (1.0 mm) \(\text{NTTC-40-CG175}\)
   - 0.045” (1.2 mm) \(\text{NTTC-45-CG175}\)
   - 0.052” (1.3 mm) \(\text{NTTC-52-CG175}\)

3. **CABLE (RECOMMENDED)**
   Ethernet/IP 4 pin power cable 30 ft \(\text{NCCA-F-30}\)
   Ethernet/IP M12/RJ45 cable 30 ft \(\text{NCCD-R-30}\)

4. **MOUNTING (RECOMMENDED)**
   Mounting Box & Tray Assembly (NAT) \(\text{NSMT1-07}\)
   Stand Post Assembly 23” \(\text{NSST1-23}\)