



AUTOTIP®

AUTOMATIC TIP CHANGER

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.

Easy Tip Cartridge Reloading:

- Pre-loaded cartridge allows for easy and rapid change-out.

Industrial Network Capable:

- Equipped with Ethernet/IP network capability.

Automated Contact Tip Replacement:

- Onboard contact tip cartridge allows for fully automated tip replacement for 175 tip changes with minimal downtime.

Intuitive User Interface:

- Designed to allow for easy setup, diagnostics and reporting at point of use.

TECHNICAL DATA

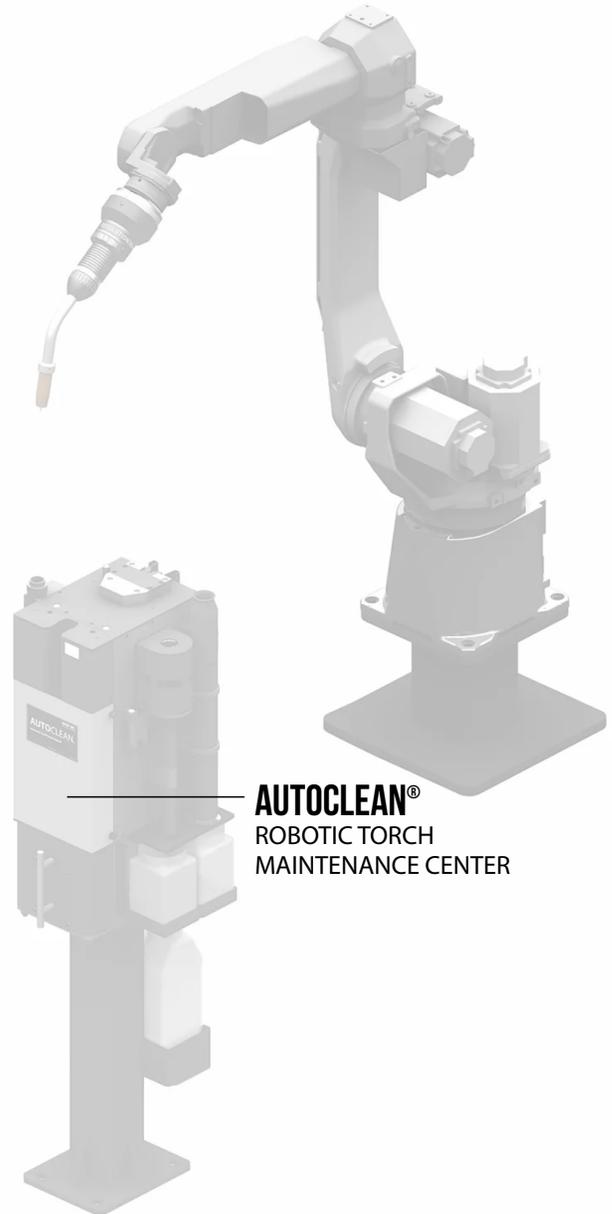
Footprint Size:	23.1" H x 15.5" L x 10" W
Air Supply:	85 PSI, 13 CFM
Power Supply:	24 VDC, 5.0 A

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

REVOLUTION360® INFINITE ROTATION ROBOTIC MIG TORCH

AUTOTIP® ROBOTIC TORCH MAINTENANCE CENTER



AUTOCLEAN® ROBOTIC TORCH MAINTENANCE CENTER

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.

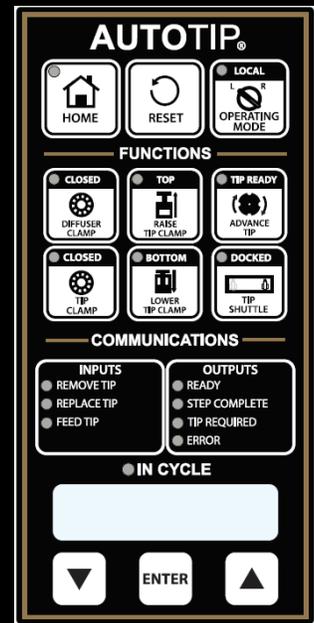
USER INTERFACE

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.

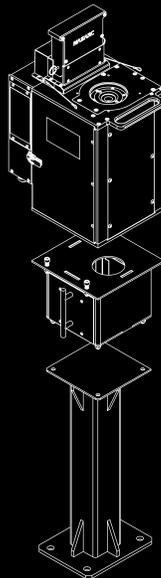
ETHERNET/IP:

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

NAT1E

2. CONTACT TIPS (REQUIRED)

CONTACT TIP CARTRIDGE, HD COPPER DHP (QTY 175)

0.035" (0.9 mm)

NTTB-35-CG175

0.040" (1.0 mm)

NTTB-40-CG175

0.045" (1.2 mm)

NTTB-45-CG175

0.052" (1.3 mm)

NTTB-52-CG175

CONTACT TIP CARTRIDGE, HD LONG LIFE CuCrZr (QTY 175)

0.035" (0.9 mm)

NTTC-35-CG175

0.040" (1.0 mm)

NTTC-40-CG175

0.045" (1.2 mm)

NTTC-45-CG175

0.052" (1.3 mm)

NTTC-52-CG175

3. CABLE (RECOMMENDED)

Ethernet/IP 4 pin power cable 30 ft

NCCA-F-30

Ethernet/IP M12/RJ45 cable 30 ft

NCCD-R-30

4. MOUNTING (RECOMMENDED)

Mounting Box & Tray Assembly (NAT)

NSMT1-07

Stand Post Assembly 23"

NSST1-23