



CLEAN KIT

Automatic Torch Cleaning Stations



FOR OPTIMAL TORCH PERFORMANCE

CLEAN KIT FEATURES

- Easy operation
- No I/O needed between robot and Clean Kit
- Anti-spatter dip can support included (models L-6745 & L-6746)
- Easily affordable
- No air requirements
- Long life rotary nozzle reamer (models L-6745 & L-6746)
- Features a unique floating wire clipper
- Wire brush nozzle cleaner delivers excellent cleaning action
- Applicable to any brand robot and/or welding torch*



Model L-6747



Model L-6745



Model L-6746

Wire Cutting Solutions

The model L-6747 wire cutter operates by removing the ball at the end of the welding wire, providing consistent wire stick-out. This feature provides superior arc starting and prevents oxidation in weld starts and is especially helpful in applications where touch sensing is required to find part location.

Torch Cleaning Solutions

The model L-6745 Clean Kit cleaning station is a fully-automatic nozzle spatter removal and cleaning system for robotic welding torches. The Clean Kit holds the torch nozzle firmly in place while a motor directs a precision-machined reamer to remove spatter from inside the nozzle. Support for a heated anti-spatter dip can is also included.

Periodic spatter removal between welds can help prevent porosity, gas flow reduction, and short circuits. In addition, this helps reduce downtime for nozzle and torch maintenance, improve consistent weld quality, and adds a longer life for consumables.

Wire + Torch Cleaning Solutions

Combining features found in the other machines, the L-6746 is the ultimate cleaning and prevention station. This machine is the most suitable for any harsh environment.

The Clean Kit model L-6746 combines the nozzle reaming function with the wire cutting function and a wire brush for spatter removal. Support for an anti-spatter dip can is also included.

Optimize Your Welding Performance

CLEAN KIT SOLUTIONS

OTC DAIHEN clean kits are designed to help maintain optimal welding conditions, even in the most harshest environments. Find the right solution for your needs!

All machines are user friendly and operate independently by simply detecting the presence of the torch. This eliminates the need for an external interface and logical programming.

Each machine comes pre-assembled and can be integrated into any system in minutes. Simply program the robot to move to the appropriate areas of the cutting or cleaning device, and the machine will automatically perform!



SPECIFICATIONS & OPTIONS

ITEM	SPECIFICATION		
Model:	L-6747	L-6746	L-6745
Power Consumption:	50W Max.	80W Max.	150W Max.
Mass	9.9 lbs. (4.5 kg)	17.6 lbs. (8kg)	8.8 lbs. (4.4kg)
Applicable Wire Diam.	1/16" (1.6mm) or smaller		
Power Requirements	100V $\pm$ 10% AC 120V $\pm$ 10% AC (with optional Step Down Transformer)		

Options (unless otherwise indicated)

ITEM	DESCRIPTION	ITEM	DESCRIPTION
1RT-22G	120V to 100V Step Down Transformer	5096-147	19mm Reamer Drill
5096-145	13mm Reamer Drill (Standard)	5096-150	19mm Reamer Bushing
5096-148	13mm Reamer Bushing (Standard)	5096-306	Rotary Shearing Blade for Wire Cutter
5096-146	16mm Reamer Drill	5096-307	Stationary Shearing Blade for Wire Cutter
5096-149	16mm Reamer Bushing	5096-336	Wire Brush

Please contact your regional sales manager to discuss package & pricing options.

** Some restrictions may apply. Please ask your regional sales manager for more details.*



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