

# Robotic gun cleaning station



## BENEFITS

- Reduce downtime - less manual maintenance work required
- Contributes significantly to the weld quality and welding performance of a robot
- Regular mechanical cleaning of the internal surfaces of the gas nozzle provides steady and good shielding gas flow for welding.
- Helps to avoid spatter to form electrical connection bridges between the contact tip and the gas nozzle.
- Wire cutting provides accurate stick-out length for search functions.
- Sharp wire end for better arc ignition.
- Provides anti-spatter oil on outer surfaces of the gas nozzle to support longer lifetime.

## OVERVIEW

Robot gun cleaning station equipped with wire cutter, gas nozzle inside reamer and anti-spatter spray unit. Delivered with reamer tool and centering V-block (prism) for both gas and water-cooled Kemppi Guns. No liquids included, must be ordered separately.

## TECHNICAL SPECIFICATIONS

### Robotic gun cleaning station

Product code	SP600674
Operating voltage	10 to 30 V DC
Weight	22 kg
Nominal pressure	6 bar 88 psi
Nominal flow	Approx. 500 l/min
Operating pressure	6-8 bar / 88-116 psi
Nominal rotational speed	800 rpm
Max. Wire size	1.6 mm (by 6 bar 7 88 psi air pressure)
Ambient temperature	+5° to +50°C
Protection	IP 21
Rated voltage	24 V DC
Power consumption	4.5 W (EACU)
Permitted residual ripple	Vpp < 10%
Continuous current	Max. 200 mA
Current consumption	Approx. 4 mA (24V)
Voltage drop	Approx. 1.2 V (200 mA)

**Robotic gun cleaning station**

Consumables

- SP600681 - Reamer tool for water-cooled gun
- SP600682 - Reamer tool for gas-cooled gun
- SP600683 - Prism for outer Ø 25mm nozzles water-cooled gun
- SP600684 - Prism for outer Ø 28mm nozzles gas-cooled gun