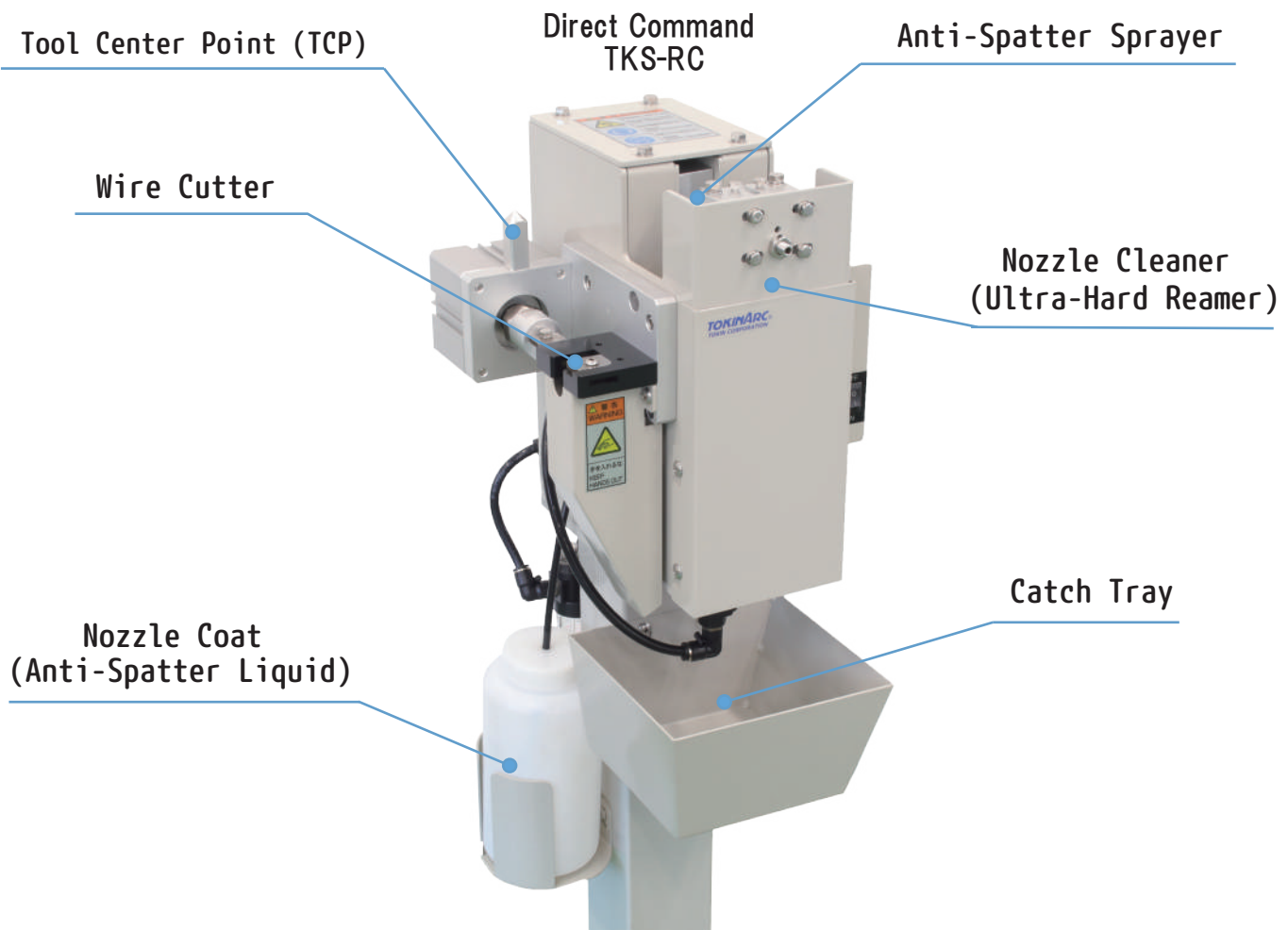


## *Nozzle Cleaning Station for Robot Welding*

# TKS-R Series



TKS-R Operating Image



More than 10 years have passed since the first nozzle cleaning station was launched and various models have been developed to meet end user needs. This new model was developed to revise the design concept and respond to welding in the mid-current range for automobile manufacturers and likewise.

### 【Ratings and Specifications】

Size (Length x Width x Height)	327×255×904	Unclamp Signal Output	AC/DC5-240V (10W Max.)
Applicable Nozzle Inner Diameters	φ 12、φ 13、φ 16、φ 19	Air Pressure	0.5 ~ 0.6MPa
Input Power Source	AC100-240V/DC24V (RC Type Only)	Temperature	0 ~ 55°C
Operating Voltage	DC24V	Relative Humidity	35 ~ 85%RH
Operating Wattage	12.5W	Weight	25kg

# 2 Models According to End User Needs

## **TKS-RC** - Direct Command Type -

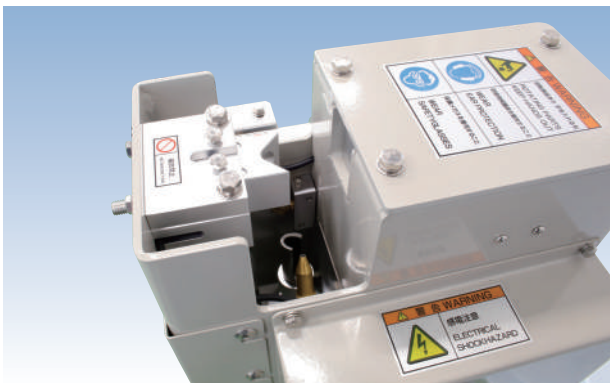
A direct signal connection to the control panel allows for reliable stable command. Two RC input power supply options are possible: 24V or 100V.

## **TKS-RS** - Proximity Sensor Type -

Since the internal proximity sensor detects when the nozzle is getting close and automatically activates, only robot teaching is required for operation.

### Features

- ① Both nozzle cleaning and anti-spatter spraying are performed in the same location saving time.
- ② With one input signal from the internal programmable logic controller (PLC) the whole operation from the nozzle clamp to the anti-spatter spraying is performed in series.
- ③ Using an ultra-hard reamer and air motor the spatter is firmly removed.



- ④ A speciality steel cutting blade allows for long operating life and stability.



Proximity Sensor  
TKS-RS



Instruction Manual

- ⑤ Equipped with a large access panel making maintenance and troubleshooting easy.