

## PRODUCT INFORMATION

# TRIBO CLEANING STATION PROTEC TCS-2U

## AUTOMATED WIRE CLEANING AND COATING

### FUNCTIONAL PRINCIPLE

PROTEC TCS coats and cleans the wire using two substrate twin discs. They are rotated step by step by a geared motor. The surface condition of the discs can be checked during on-going operation at the differential discs of the twin discs (patented PROTEC procedure).

The fluid for application is supply to the first disc using a drip-feed lubricator (e.g. Wire Balm PROTEC WLS04.3). As a result, the wire is coated and contamination is removed. The second disc takes care of cleaning the removed residue and removes any excess fluid.

A control box (SBS) doses the fluid and controls the step-by-step rotation of the discs. It can be connected to the production system so that the system is operational only when the wire is being supplied.

### ADVANTAGES

- Surface condition of the substrate discs can be monitored during the on-going process (patented PROTEC procedure)
- Disc rotation and dosing set using control box
- Integration in wire production process possible

### BENEFITS

- Controlled purification and coating process.
- Maximum wire surface quality and stable processing in final application.

### APPLICATION

PROTEC TCS-2U is installed as a last step before coiling the wire.

At the end user location (e.g. robot welding), the PROTEC TCS is installed directly above the drum (at wire input). Please refer to the operating manual for more detailed information.

### SPECIFICATION

<b>Dimensions (LxWxh)</b>	306 x 170 x 290 mm	<b>Motor</b>	3-24 V DC 12 VA
<b>Weight:</b>	5 kg	<b>Drip-feed lubricator</b>	200 ml
<b>Substrate discs</b>	2 sets 100/115	<b>Solenoid valve</b>	24 V DC 12 VA
<b>Initial equipment for wire diameters from 0.6 - 1.6mm</b>			

### ID NO. COMPONENTS

- Tribo cleaning station PROTEC TCS-2U E001.001
- Control box (controls disc rotation and drip-feed lubricator) E002.001
- Drip-feed lubricator 200ml E003.001
- Replacement substrate disc set 100/115, medium (2 sets fitted) E010.001