

SPRAY DEVICE

OC1-Tech (Technical Wires)

In this configuration, the spray device OC1-Tech with closed or open nozzle system is designed for processing technical wires.

The special geometry of the nozzle system components enables very fine atomization of the molten particles, resulting in a correspondingly fine spray coating with low surface roughness or, with the open nozzle system, the roughest possible spray result.

In combination with the wire feed gear on the power source, the wire feed built into the spray device allows the use of cable and hose set lengths adapted to the process – the standard length being 4 m.

The OSUCAS DC power connections provide low-loss energy transfer with minimal heat generation and improved conductivity.

This keeps the energy where it belongs – in the spraying process.



300 A · (100 % duty cycle)

Standard power (Tech)

4 m

Max. cable and hose set length
(without intermediate gear)

2.4 kg

without cable and hose set

Features of the spray device OC1

- ✓ housing made of fibre-reinforced material for a long service life
- ✓ compact design and low weight
- ✓ modern and easy handling (including the dead man's switch with reflective light sensor)
- ✓ optimised power connections for high energy efficiency
- ✓ can be connected to (almost) all OSU power sources
- ✓ reduced wear part requirements thanks to a feed unit driven directly by the air motor

Spray Wires and Spray Performance	
Spray wire quality	DIN EN ISO 14919
Spray wire diameter	1.6 mm (other diameters on request)
Max. spray current (at 100 % duty cycle)	300 A
Compressed Air Supply	
Required compressed air quality	DIN ISO 8573-1 Class 1
Compressed air temperature	Cooled down to min. 25 °C
Compressed air consumption – air motor	25 m³/h
Compressed air consumption – atomizing air	60 – 100 m³/h
Other Data	
Weight	2.4 kg (without cable and hose set)