OSUCAS
METALLSPRITZTECHNIK

Spray device OC1

The spray device OC1 with the closed nozzle system is specialized in the processing of corrosion protection wires. The special geometry of the nozzle system components allows a very fine atomization of the melt particles, whereby a correspondingly fine coating with low surface roughness is achieved. This provides a significant savings potential of paint for subsequent topcoats.

The integrated wire feed in the spray device allows in combination with the wire feed gear on the power source the use of hose packages up to a length of 20 m.

The newly developed DC power connectors from OSUCAS offer a low-loss power transmission with minimal heat generation and improved conductivity. Hereby the energy stays where it should be – in the spray process.

☎ +49 (0) 2305-69914-20 • ✉ info@osucas.de • 💻 www.osucas.de

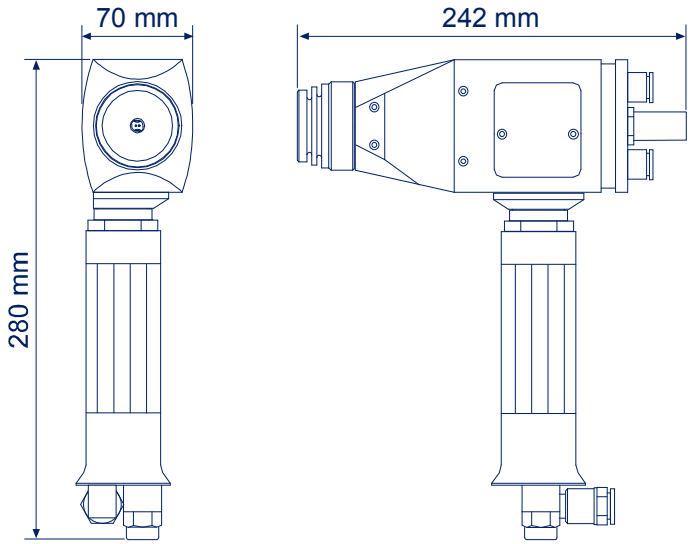
OSUCAS GmbH Metallspritztechnik • Erinstrasse 25 • D-44575 Castrop-Rauxel

OSUCAS
METALLSPRITZTECHNIK

Features of spray device OC1

- Housing made from fiber-reinforced material for a long service life
- Compact design and light weight
- Modern and easy handling (i.a. by the use of dead man´s control with reflection light scanner)
- Optimized power connectors for high energy efficiency
- Connection possibility to (almost) all OSU power sources
- Reduced demand of wear parts due to a wire feed gear directly driven by air motor

Specifications of spray device OC1



Spray wires and deposition rates	
Spray wire quality	DIN EN ISO 14919
Spray wire diameter	2,5 mm (other diameter on request)
Spray current max. (at 100 % ED)	600 A
Compressed air supply	
Required compressed air quality	DIN ISO 8573-1 class 1
Compressed air temperature	Re-cooled to at least 25 °C
Consumption compressed air	
• Air motor	25 m³/h
• Atomizer air	60-100 m³/h
Miscellaneous data	
Weight	2,4 kg (without cable and hose set)
Power air motor	320 W

☎ +49 (0) 2305-69914-20 • ✉ info@osucas.de • 💻 www.osucas.de

OSUCAS GmbH Metallspritztechnik • Erinstrasse 25 • D-44575 Castrop-Rauxel