

Dispensroboter

WR300P

Principle

A metal powder paste is dosed by a spindle valve and applied through a needle jet directly on the part to be coated. The coating is controlled by a robot in x-y-z-direction and one rotary axis which can dispense dots and lines. This allows components to be provided with functional layers and 3d structures to be created.

Movement Range	320 mm x 320 mm x 150 mm
Axis	4 axis
Speed	up to 400 mm/s
Positioning Accuracy	+/- 0.02 mm
Step Resolution	7.5 μ m
Cartridge size	up to 30 cm ³
Min. Coating Width	0.5 mm <i>(depending on jet diameter and particle size)</i>
