



CSM-DC

3 in 1

Cold Spray Machine

Dustproof chamber

2 stage filter with

ventilator and

Cyclone collector

www.dymet.ee



**Use cold
spraying
without dust,
noise and
health
hazards**

Fully enclosed chamber with a glove box.

Cold Spray Machine technical parameters:

Maximum compressed air input pressure 12 bar (170 psi)

Compressed air consumption 0.4 m³/min

Compressed air purity free of water and oil

Compressed air operating pressure 6 bar

Compressed air operating temperature
(in the input of the nozzle) 200 – 600 °C

Power supply:

One-phase alternate current of 50-60 Hz and 220-240 V

Maximum power consumption 3.3 kW

Noise level in operation without shielded box not exceed 75 dB

Powder consumption 0,1-0,8 g/sec

Time required to reach operating condition no more than 10 seconds

Dimensions of spraying Gun – 400x70 mm

Spraying Gun) – 1,8 kg

Adjustment of temperature

Powder supply adjustment.

One powder feeder. Optional two powder feeders



**Loading and unloading
of powder material
without dust, at
reduced pressure.**

**Dust removal from the
chamber and collection
of coarse fraction in
the cyclone.**

**Filtration of fine dust in
a second non-woven
filter.**

**Filtration efficiency of
99.5%!**





Dimensions of the dust chamber :

Length 133 cm

Width 90 cm

Height 177 cm

Inner volume 950 liters

Filter dimensions:

Length 57 cm

Width 89 cm

Height 137 cm

Specifications:

- Ventilator power: 550 W
- Ventilator speed: 2820 rpm
- Dust collection capacity: 2.9 kg/h
- Discharge capacity: 15 m²/min
- Filter dimensions: Ø 320 x 600 mm
- Filter surface area: 4.42 m²
- Filter precision: 8 µm