Coating unit CC800®ML

Item no. 800-MLAS3C2

The CC800® ML from CemeCon with DC sputter technology is particularly flexible and universally applicable. It coats easily and quickly with all nitride, boride and carbon-based coating materials. It is the economical system for medium quantities and frequent batch and coating material changes. Due to its high flexibility, the CC800® ML series has proven itself in research and development. The modular, open design allows the unit to be equipped with many extensions and options such as measuring devices.

Specifications

Expansion Stage	**AS3C2**
Coating space,Ø x h (mm)	**Ø400 x 400**
Substrate table, Ø x Ø satellites x number of satellites (mm/piece)	**Ø400 x Ø130 x 6**
Cathodes (pieces/mm)	**4 x 500 (DC)**
Maximum dimensions of the substrate Ø x h	**Ø400 x 800**
Capacity drill, Ø6mm x 60mm (piece)	**1800**
Capacity WSP, 12.7mm x 3.5mm (piece)	**4920**
Loading (KG)	**250**
Coating rate µm/h	**2 µm/h**
Cycle time for 3 ⬚m HYPERLOX® * (h)	**5**
Electrically conductive layers	**Yes**
Electrically non-conductive layers	**No**
Electrically non-conductive substrates	**No**
Connected load (kVA)	**135**
Outer dimension mm (w x l x h)	**1,050 x 3,350 x 2,200**
Litigation proceedings	**Sputtering with booster technology. All established DC CemeCon coatings are possible.**
*	**On 10mm milling cutter, full load, 3-times-rotation**

Contact experts

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Here you will find an overview of all coating steps:

View everything about pretreatment here
View everything about coating here
View everything about posttreatment here