



## CDS 1000



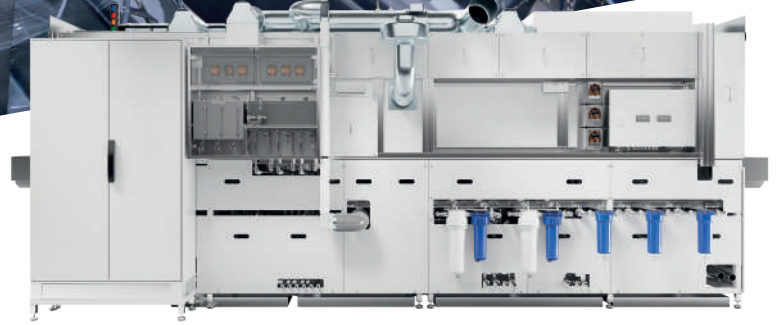
HARD COATING AT ITS BEST

### PRODUCTION CAPACITY

- Cycle time .....: - 5 → 6 minutes
- Lenses / cycle .....: 14 → 16
- Lenses / hour .....: 140 → 192
- Type of lenses .....: all types Ø 40 to 80 mm

**SCL**  
international  
HARD COAT LEADER





### SPECIFICATIONS

- 1 single zone for cleaning and hard coating
- 2 axis robot with fixed horizontal beam for handling racks
- 1 IN and 1 OUT automatic conveyors
- Automatic detergent, alcohol and varnish refilling
- Customisable machines
- Designed for heavy-duty use
- Remote connection to SCL service team
- Optimized water and energy consumption
- User friendly HMI

### BENEFITS

- ISO6 coating chamber
- Greater throughput due to shorter cycle time. Minimized vibration level
- Less contamination of process zones. IN and OUT buffers
- Easy maintenance, stable process and no production stop
- Available options to fit customer's needs
- Very limited downtime
- Easier and faster diagnosis. Upgrading possibility
- Sustainable process

### TECHNICAL DATA

Machine splittable in 2 parts for shipment  
 Dimensions .....: 579 x 162 x 224 cm  
 Weight .....: ~ 1450 kg  
 Electricity .....: ~ 14,8 or 22,3 kW / 400 V (3Ph + N + Gnd)  
 Compressed air.....: No  
 Flow machine left to right or from right to left  
 CE and UL compliance

### PERIPHERALS

- Chillers to maintain the coating temperature +5 → +20°C
- Curing ovens : stand alone or in-line
- Automatic osmosis unit for ultra pure water production
- Draining tank with lift pump
- Ultrasonic stripping for lenses and racks: stand alone or automatic cleaning machine
- A/C unit for coating zone
- Ergonomic preparation/control station
- Lens-holders and rack for 14 or 16 lenses



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