



## CDS 2000



HIGH-TECH HARD COATING FOR MASS PRODUCTION

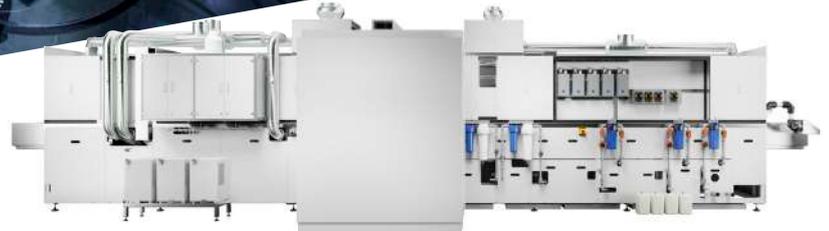
### PRODUCTION CAPACITY

- Cycle time .....: ~ 5 minutes
- Lenses / cycle .....: 28 → 32
- Lenses / hour .....: 336 → 384
- Type of lenses .....: all types Ø 40 to 80 mm

**SCL**  
international

HARD COAT LEADER





### SPECIFICATIONS

- 2 separate zones for cleaning and hard coating
- 2 robots 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

- No humidity in hard coating zone. Smaller air volume for A/C. ISO6 coating chamber
- Greater throughput due to shorter cycle time
- 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 built in 2 modules separable for shipment  
 Dimensions.....: 986 x 185 x 270 cm  
 Weight.....: ~ 2800 kg  
 Electricity.....: ~ 26 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
- Curring 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 28 or 32 lenses



[www.scl-intl.com](http://www.scl-intl.com)

**SCL**  
international

HARD COAT LEADER

