



SL-201/-501

Ultrasonic Cleaning and Hardcoating System





Satisloh Lacquer DN1600 ns



Lens Carrier



Features:

- Automatic operation. Unique: no moving parts over the process stages
- 8 station ultrasonic cleaning system incl. surface etching, ultrasonic DI water rinsing, slow lift out and drying station
- All cleaning and rinsing baths with automatic level control
- 3 dip coat stages (2 for lacquers, 1 primer), 4th stage optional
- Coating tank motion by servo-motor to allow speed profiling (optional)
- Primer stage enables coating of polycarbonate lenses and recoating of factory hard coated lenses
- Pre curing stage with IR radiation

Benefits:

- Plug & Coat - easy installation and set-up
- Full system solution incl. accessories, consumables and process support
- Can be fully integrated as part of Satisloh's lens coating suite (incl. AR and top-coating)

Technical Information:

- **Throughput per shift**
SL-201: 160 lenses
SL-501: 480 lenses
- **Dimensions**
2800 x 1000 x 2050 mm (w x d x h)
110.2 x 39.4 x 80.7 inches
- **Weight**
SL-201/-501 900 kg/1984.2 lb
- **Energy Requirements**
400 V (+/-5%); 50/60 Hz (+/-2%);
3 P + N + E;
7 kW (max)

Consumables:

- **Ultrasonic cleaning agents**
Satisloh cleaning detergents
- **Hard coating chemicals**
DN1500 hard coating lacquer for ns=1.5
DN1600 hard coating lacquer for ns=1.6
DT1500 hard coating lacquer (tintable) for ns=1.5
DP100 primer
DS1500 solvent
DS1600 solvent
PMGE solvent
SM-301 flow modifier

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