**ECL - MEDIUM PRESSURE SYSTEMS**

**UV System**
- ECL-110-4
- ECL-113-5
- ECL-115-6
- ECL-210-4
- ECL-215-6
- ECL-220-8
- ECL-225-10
- ECL-425-10
- ECL-230-12
- ECL-430-12

**Certification**
- CE Marked

**UV Lamps and Monitoring**
- Lamp Power: 1.0 kW, 1.3 kW, 1.5 kW, 1.0 kW, 1.5 kW, 2.0 kW, 2.5 kW, 3.0 kW
- Lamp Number: 1, 1, 1, 2, 2, 2, 4, 4
- Lamp Life: 9,000 Hours
- Lamp Design: Medium Pressure
- Standard UV Monitoring: AT-463 (4-20 mA) IP66
- Variable Power: 100% to 50% Power (automatic dose pacing)

**UV Chamber**
- Connection Type: BS4504 PN10 RF Flange
- Design Pressure: 10 Bar Design (1.5 Bar Text)
- Material Construction: 316L Stainless Steel
- Internal / External Finish: 1.6 µm Ra / 1.6 µm Ra
- Lamp and Wiper Access: Dual Ended
- Quartz Type: High Purity Quartz Sleeves
- Mounting: Optional
- Feet
- Wiper System: Manual Wiper System (optional) / Automatic Wiper System (optional)
- Temperature Probe: AT-487 (PT-100) - IP66
- Vent & Drain Ports: Yes
- Ingress Protection: IP66 (IP54 with Auto Wiper)
- Installation: Horizontal or Vertical (Lamps must be horizontal)
- Chamber Options: 0.4 µm and 0.8 µm Ra Internal Polish Upgrade / Electropolish Upgrade / Super Duplex 25% Chrome Steel / Connection Types

**Spectra II / Spectra II Touch - Local Control Cabinet**
- Design: Epoxy Coated Mild steel - IP54 Standard
- Control Type: Microprocessor
- Interface: Soft Touch Push Button with 4 Line Text Display / 7" Touch Screen HMI - Full Colour Display (optional)
- Communication: Modbus RTU / Data Stream (other fieldbus options available)
- Lamp Power Supply: Choke
- Power Consumption: 1,100 W, 1,430 W, 1,650 W, 2,200 W, 2,300 W, 4,400 W, 5,500 W, 6,000 W, 11,000 W, 6,600 W, 13,200 W
- Mains Power (Other Voltages Available): 230 V, 400 V, 230 V, 400 V
- Power Requirements: 1 Ph + N + E, 3 Ph + N + E
- Frequency: 50 Hz (60 Hz Optional)
- Protection: Door Locked Isolator, MCB & Earth Leakage Protection
- Operating Temperature: Max Working Ambient +45°C
- Operational Information: Please see SPECTRA II Data sheet (Upgrade to Spectra II Touch Optional)

**Key Footprint Dimensions**

**Chamber Dimensions**
- A: 449 mm, 479 mm, 499 mm, 449 mm, 499 mm, 549 mm, 599 mm, 599 mm, 649 mm, 649 mm
- B: 280 mm, 285 mm, 305 mm, 280 mm, 305 mm, 330 mm, 355 mm, 355 mm, 380 mm, 380 mm
- C: 300 mm, 300 mm, 300 mm, 300 mm, 300 mm, 300 mm, 300 mm, 700 mm, 500 mm, 700 mm, 700 mm
- D: 270 mm, 300 mm, 320 mm, 270 mm, 320 mm, 370 mm, 420 mm, 420 mm, 470 mm, 470 mm
- E: 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm
- F: 227 mm, 243 mm, 254 mm, 192 mm, 185 mm, 203 mm, 231 mm, 231 mm, 256 mm, 256 mm
- G: 250 mm, 250 mm, 255 mm, 275 mm, 275 mm, 275 mm, 325 mm, 325 mm, 325 mm, 325 mm
- H: 25 mm, 26 kg, 25 kg, 38 kg, 45 kg, 56 kg, 70 kg, 68 kg, 80 kg
- Wet Weight: 25 kg, 32 kg, 32 kg, 42 kg, 50 kg, 65 kg, 84 kg, 108 kg, 108 kg, 136 kg

**Spectra II - Dimensions**
- Width: 740 mm, 740 mm, 740 mm, 740 mm, 740 mm, 740 mm, 940 mm, 740 mm, 940 mm
- Height: 1000 mm, 1000 mm, 1000 mm, 1000 mm, 1000 mm, 1000 mm, 1000 mm, 1000 mm, 1400 mm
- Depth: 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 250 mm, 340 mm, 340 mm, 340 mm
- Weight: 55 kg, 55 kg, 55 kg, 75 kg, 75 kg, 75 kg, 110 kg, 250 kg, 130 kg, 250 kg
- Standard Cable Length: 5 m
- Max Cable Distance: 20 m

*It may be possible to extend the cable length beyond the figures given, if this is required please contact us for details

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**Note:** For full dimensions please see the specific GA drawing.

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