

Cryomatic



Cryomatic MK II

Data sheet

Technical Specification

Part numbers

2509-P-1010 Cryomatic Console with footswitch

Cryomatic Standard Probe Range

2509-P-8020 2.5mm Standard Retinal Probe

2509-P-8021 2.5mm Extended Retinal Probe

Disposable Cryosurgical Probes

2508-P-7022 2.5mm Standard Retinal Probes, Box of 10

Cryomatic Special Order Probe Range

2509-P-8022 2.5mm Mid-Reach Retinal Probe

2509-P-8023 0.89 mm Intra-Vitreous Probe

2509-P-8024 1.5mm Curved Cataract Probe

2509-P-8025 3mm Glaucoma Probe

2509-P-8026 4 x 10mm Collins Trichiasis Probe

Accessories

2508-P-7016 Adapter for F Size Carbon Dioxide Gas Cylinder

2508-P-7015 Pin Index Yoke for E Size Carbon Dioxide Gas Cylinder

2508-P-7018 Adapter for F Size Nitrous Oxide Gas Cylinder

2508-P-7017 Pin Index Yoke for E Size Nitrous Oxide Gas Cylinder

2509-P-8015 Probe Sterilisation Boxes (for Cryomatic Probes Only)

2508-P-7005 Cryo Trolley

Cylinder Adapters

2508-P-7017 Pin Index Yoke for E Size Nitrous Oxide Gas Cylinder

2508-P-7015 Pin Index Yoke for E Size Carbon Dioxide Gas Cylinder

2508-P-7016 Adapter for F Size Carbon Dioxide Gas Cylinder

2508-P-7018 Adapter for F Size Nitrous Oxide Gas Cylinder

Size E Cylinder Dimensions (cm) 50x15 Gr. Weight (kg) 7

Size F Cylinder Dimensions (cm) 86x14 Gr. Weight (kg) 18

Technical data

Cryogenic System

Gas Specification Medical Grade Nitrous Oxide (N₂O) or Carbon Dioxide (CO₂) in non-syphon cylinders

Operating Pressure Range 3100 - 4480 kPa (450 - 650 PSI)

Maximum Pressure 8275 kPa (1200 PSI)

Freeze Control Footswitch (press to freeze, release to defrost)

Electrical Ratings

Input Voltage Range 110-240Vac (50/60Hz)

Power Rating 15-30VA

Fuses T2AH 250V

Dimensions

Width 305mm (12")

Depth 200mm (8")

Height 190mm (7.5")

Weight 2.5kg (6lbs)

Classification & Safety Standards

Complies with EN60601-1, UL60601-1 & CAN/CSA-C22.2 No 601.1

Equipment Classification Class 1, Type BF (Applied Part)

Mode of Operation Continuous

Protection against Ingress Console IPx0

Footswitch IP67

Environmental Conditions

Storage +10°C – +55°C

Operating +10°C – +40°C

Temperature Range -20°C to +50°C / +10°C to +40°C

Relative Humidity 10% to 80% / 30% to 70%

Atmospheric Pressure 500hPa to 1060hPa / 700hPa to 1060hPa

Sterilization

Equipment meeting standards HTM2030 and BS EN ISO 15883 or equivalent



More Keeler Instruments

For over ninety years we have manufactured top quality precision ophthalmic instruments.

View our full range at

www.keeler.co.uk | www.keelerusa.com

Got a question? - Call us

UK: +44 (0)1753 857177

USA: +1 610 353 4350

China: +86 10 512 61868

India: +91 22 6708 0400

Brazil: +55 11 4302 6053

Keeler

www.keeler.co.uk