

PELCO® UVC3 CRYO CHAMBER

FOR PRODUCT DETAILS AND COMPLETE SELECTIONS
www.tedpella.com

The PELCO® UVC3 Cryo Chamber has been specifically designed to provide an economical yet precisely controlled low temperature environment for polymerization of polymers and resins for cryo specimen preparation. It can also be used for dehydration and infiltration of cryo specimens. This simple and functional unit has a large insulated chamber and comprises fully automatic temperature control for the polymerization process of embedding resins and polymers.

FEATURES

- Liquid crystal display and PLC control
- Fan cooled electronic ballast for UV lamp tubes
- Temperature range can be set from -10°C to -40°C (14°F to -40°F)
- Includes memory function for Min/Max temperatures during any run
- 365nm UV lamps thermally shielded by dual pane Plexiglas
- Holds up to 66 samples with BEEM® Cryo Capsule Holders
- Perfect for Unicryl, LR White, LR Gold, Lowicryls, JB-4, Quetols and all other resins cured by 365nm UV radiation
- Universal voltage

OPERATION

- Add dry ice to the chamber
- Set temperature (-10°C to -40°C / 14°F to -40°F)
- Turn on UV lamp and cure embedding resins

SPECIFICATIONS

- **UV Light Source:** Two 15-watt self-filtering long wavelength tubes; 1600 μW/cm₂ of 365nm UV radiation at 15cm (6")
- **Temperature Control:** -10°C to -40°C (14°F to -40°F) Typically +/- 1.5 °C
- **Control Type:** LCD Display with PLC with function buttons
- **Exterior Dimensions:** 64.1 L x 36.8 W x 48.9cm H (25.25" L x 14.50" W x 19.25" H)
- **Interior Dimensions:** 56.5 L x 30.5 W x 33.7cm H (22.25" L x 12" W x 13.4" H)
- **Power Requirements:** 110 - 240VAC, 50/60Hz (240V-0.5A, 110V-1A)
- **Weight:** 11.4 kg (25 lbs.) / **Shipping Weight:** 18.2kg (40 lbs.)



Control Panel with LCD Display & PLC Buttons

6202	PELCO® UVC3 Cryo Chamber, 110 - 240VAC, 50/60Hz, includes 3 BEEM Cryo Capsule Holders.....	each
6207	BEEM® Cryo Capsule Holder for UV Curing.....	each
10506	Flat Embedding Mold, PTFE with Metal Frame, 16 Cavities.....	each
10506-10	Flat Embedding Mold, PTFE with Metal Frame, 11 Size 00 Cavities.....	each
10508	Flat Embedding Mold, PTFE with Metal Frame, 3 Cavities.....	each

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