



# Ultra-Block System

## ■ Description

The Ultra-Block System has been designed for blocking lenses with a high degree of accuracy and with a minimum of time and operator attendance.

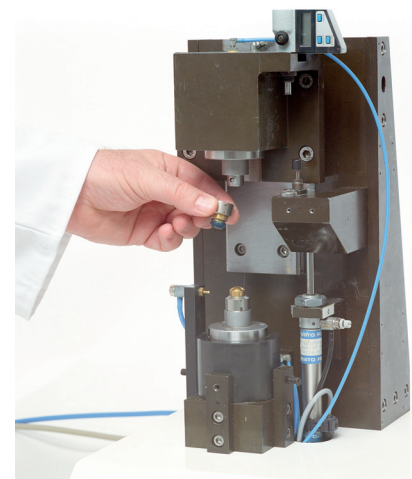
The geometric definition of the lens is very important for patient comfort. The Ultra-Block ensures you achieve reproducible high-quality results.

Push buttons and LCD display make for easy operation and all process timers are adjustable. The controller has a service mode to support mechanical maintenance of the blocker station.

Ultra-Block is designed as an ICM (Integrated Contact lens Manufacturing) component. By attaching a bar-code reader, chuck-ID and a network connection to the ICM-server application, the complete production flow of your contact lenses can be automated and monitored.

## ■ Benefits

- Uses unique clamping system for maximum accuracy
- Compact, stable and easy-to-use desktop workstation
- Concentricity and lens thicknesses to within 1 micron
- Radial eccentricity to less than 2 microns
- Angular reproducibility to better than 1 degree
- Dual station configuration for back and front surface preparation
- Pre-defined PLC programs for blocking cycle sequences
- Adjustable timers for cooling and clamping
- Micrometer adjustment for precise wax thickness control



# ■ Installation Requirements

## Laboratory:

<i>Weight</i>	88 lbs. (40 kg)
<i>Dimensions</i>	19.5"W x 14"D x 25.5"H (50 cm x 35 cm x 65 cm)
<i>Temperature</i>	Air-conditioned to 68°F ±2°F (20°C ±1°C)

**Electrical Services:** 220–230 V, 50/60 Hz, single phase, 16 Amp supply

**Compressed Air:** 72.5 PSIG, delivery at 1 CFM (5 Bar, delivery at 30 litres/min)  
Absorption dryer with 1 micrometer filter (optional)

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