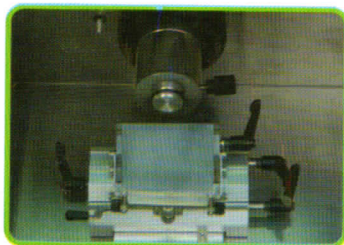


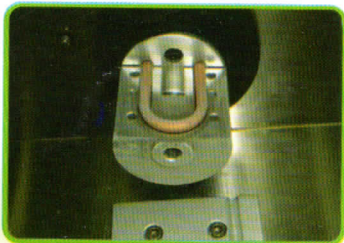
# AUTOMATIC CRYOSTAT MICROTOME

WITH MANUAL SECTIONING

## Disposable Blade Holder



## Dual Compressor (Chamber & Block Holder)



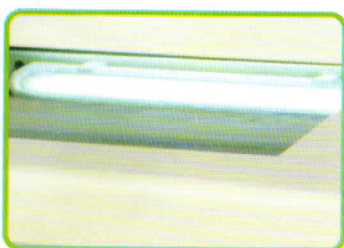
## Easy to operate Control Panel



## Weekly Programmable for ON & OFF



## Electrically Heated window



## MCM-ST At A Glance

- **Motorized** Feed Drive
- Microtome Assembly outside the Freezing Chamber
- Section Counter
- **UV-C Sterilization**
- **Dual Compressor** for Rapid Freezing
- Visible Operating parameters at all times
- Adjustable Cutting Angle
- **Automatic and Manual Defrosting**
- Enclosed Drainage System

## SPECIFICATIONS

Section Thickness Range	1 - 60 $\mu\text{m}$
Increment Range*	1 - 10 $\mu\text{m}$ in 1 $\mu\text{m}$ increments 10 - 20 $\mu\text{m}$ in 2 $\mu\text{m}$ increments 20 - 60 $\mu\text{m}$ in 5 $\mu\text{m}$ increments
Trimming Thickness Range*	10 - 300 $\mu\text{m}$ in 10 $\mu\text{m}$ increments
Maximum Specimen Size	35 x 35 mm
Horizontal Specimen Feed	25mm
Vertical Specimen Stroke	65mm
Motorized Coarse Feed	480 $\mu\text{m}/\text{sec}$ .
Specimen Retraction	5-75 $\mu\text{m}$ in 5 $\mu\text{m}$ increments
Specimen Orientation	8° (X,Y axis)
Compressor	Single/Double
Cryo Chamber Temp.	-1 to -30°C Adjustable
Cooling Downtime to -30°C	60 mins.
Quick Freeze Shelf	$\leq$ -50°C
Lowest Temp. of Peltier Unit	-50°C
No. of Freezing Stations	10