

# TN50 CRYOSTAT

MADE IN GERMANY 

## item # TNR TN50

**Dimensions (WxDxH):** 26<sup>3</sup>/<sub>4</sub>" x 23<sup>5</sup>/<sub>8</sub>" x 43<sup>3</sup>/<sub>4</sub>"

**Weight (w/o accessories):** 280 lbs

**Electrical Parameters:** 115V; 50/60 Hz

### Product Description:

The German-made **Tanner Scientific® TN50 Cryostat** features a modern semi-automatic rotary microtome and easy, intuitive operation. For extra convenience the system includes a spacious stainless steel chamber, 24 easily accessible freezing positions and a well illuminated cooling chamber that can be effectively cooled down to -35°C. For additional user safety the system can optionally be equipped with an efficient UV-C disinfection system.

- **Exceptional German engineering**
- Ideal for Mohs surgery and traditional pathology applications
- Modern rotary microtome with motorized  $\mu\text{m}$  advance/return
- Spacious cooling chamber for efficient and safe workflow
- Large anti-roll plate
- 24 easily accessible freezing positions
- Heated viewing window (glass, electrically, conductive coating, transparent)
- Intuitive, simple electronic control panel
- Automatic defrost, programmable
- Removable condensate bottle with level sensor
- Optional UN-C disinfection solution



### Cryochamber Specifications

<b>Material</b>	Stainless Steel
<b>Dimensions (WxDxH)</b>	19 <sup>1</sup> / <sub>2</sub> " x 21 <sup>3</sup> / <sub>4</sub> " x 15 <sup>3</sup> / <sub>4</sub> "
<b>Illumination</b>	LED, White
<b>Temperature Range</b>	0°C to -35°C
<b>Freezing Shelf Positions</b>	24 Positions, Temperature Range: -45°C to -50°C

### Microtome Specifications

<b>Section Thickness Setting Range</b>	0.5 $\mu\text{m}$ to 100 $\mu\text{m}$
<b>Section Thickness Selection</b>	0.5 to 2 $\mu\text{m}$ in 0.5 $\mu\text{m}$ Steps 2 to 20 $\mu\text{m}$ in 1.0 $\mu\text{m}$ Steps 20 to 50 $\mu\text{m}$ in 2.0 $\mu\text{m}$ Steps 50 to 100 $\mu\text{m}$ in 5.0 $\mu\text{m}$ Steps
<b>Trimming Thickness Setting Range</b>	0.5 to 500 $\mu\text{m}$
<b>Horizontal Specimen Feed</b>	28mm
<b>Vertical Stroke</b>	59mm
<b>Coarse Feed</b>	Motorized (600 $\mu\text{m}/\text{s}$ + 3.000 $\mu\text{m}/\text{s}$ )
<b>Specimen Retraction</b>	0 - 200 $\mu\text{m}$ , Free Programmable
<b>Horizontal Orientation</b>	8°
<b>Vertical Orientation</b>	8°
<b>Z-Axis Orientation</b>	360°