

## Leica LN22



Leica LN22-- Liquid Nitrogen Freezing Device  
For use with rotary microtome RM2265

037839166

The LN22 Liquid Nitrogen Freezing Device has been designed for changing quickly and easily from sectioning at ambient temperature to low-temperature sectioning and vice versa.

### Features:

#### Cryochamber:

Open-top cryochamber, LN2 cooled, for condensation free and frost-free sectioning at temperatures down to -150°C.

Backlighting. Knife holder base for fitting various knife holders.

#### Specimen holder:

Standard microtome specimen holder fit straight through the wall of the LN22 cryochamber - hermetically sealed.

Special design ensures maximum sectioning stability.

#### Control unit:

Compact, space saving design with displays and controls for knife, specimen and chamber gas (indication only) temperature in °C, °F and K. Memory with battery backup for all settings.

Mimic diagramm. Adjustable voltage selector.

#### Pressureless automatic filling system:

25 liter LN2 dewar with displacement pump.

Operating temperature range: ambient to -150°C

Temperature stability: ±1 °C

LN2 consumption in stand-by mode: approx.

1 liter/day

Power consumption: 250 W

Supply voltages: 100 - 240 V / 47 - 63 Hz

Dimensions (W x D x H) / Weight: 8.2 kg / 18.06 lbs

Control unit: 250 x 340 x 120 mm

Control unit: 9.84 x 13.39 x 4.72 inches

#### Cryochamber:

outside: 253 x 172 x 171.5 mm / 7.9 kg

outside: 9.96 x 6.77 x 6.75 inches / 17.40 lbs

inside: 120 x 100 x 130 mm

inside: 4.72 x 3.94 x 5.12 inches

#### Standard delivery includes:

- Basic instrument (cryochamber)
- Dewar,

- LN2 pump,
- Control unit
- 1 Knife holder for tungsten carbide knives  
(0378 25655)
- 1 Tungsten carbide knife 40° (0216 08724)
- 1 Round specimen holder 12 mm (0378 25653)
- 1 Tool for specimen holder manipulation  
(0378 26193)
- 1 Tool for knife manipulation (0378 26195)
- 1 Tool set, replacement fuses
- 1 Set of power cords:
  - 1 Power cord D (0411 36958)
  - 1 Power cord USA-C-J (0411 36960)
  - 1 Power cord ST/BU F-5A UK (0411 36959)
- 1 Instruction manual - G/E/F/S (0700 37117)

Note:

Temperature indication in - °C, °F, K -  
has to be adjusted at the factory (pre-set =  
0 C°).

Please specify accordingly and also indicate  
your power supply requirements when ordering.

We recommend to order at least one additional  
tungsten carbide knife with the system.