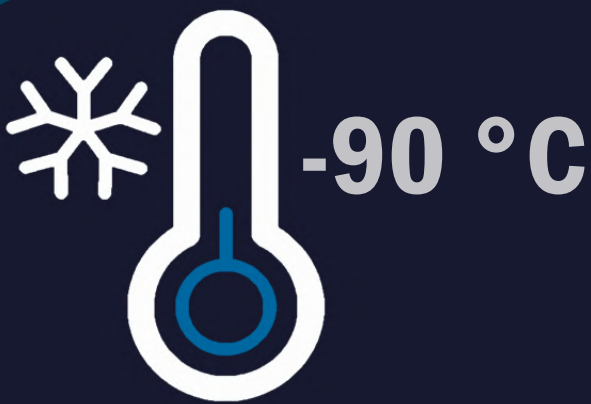


# Ultra Cool Dry Block Temperature Calibrator

Range: -90 °C to 25 °C

## ED-90X



Best suited for Calibration & measurement application of ultra cool temperature in Lyophilization , Vaccine manufacturing Storage & Transportation Blood & Plasma Industries & other ultra-low temperature Applications



# Ultra Cool Dry Block Temperature Calibrator

Range: -90 °C to 25 °C

## Technical Specification

Temperature Range	-90 °C to 25 °C at 25 °C
Resolution	0.1 °C
Control Accuracy	±0.1 °C
Thermal Instability*	±0.020 °C
Thermal Non-uniformity(Radial)	±0.070 °C
Stablization time/settling time	15 min after set point is achieved.
Time to reach -90 °C	90 min from @ 25 °C ambient temperature
Power Supply	100-240 VAC @ 50-60 Hz.
Current	0.3 A
Power consumption	Single phase, 120 watt maximum
Sound	Less than 30 dB
Enclosure	Metal(MS Powder coated)
Display	Color touchscreen Display
Weight	19.5 kg

### \*Note

Thermal Instability Calculated value of  $2\sigma$  after stablization period of 15 minutes and 100 samples measured every 1 Sec.

**Operating condition:**

Temperature : 0 °C to 35 °C

Humidity : 0 % RH to 90 % RH(Non- condensing)



Rugged

High  
Stability

Portability

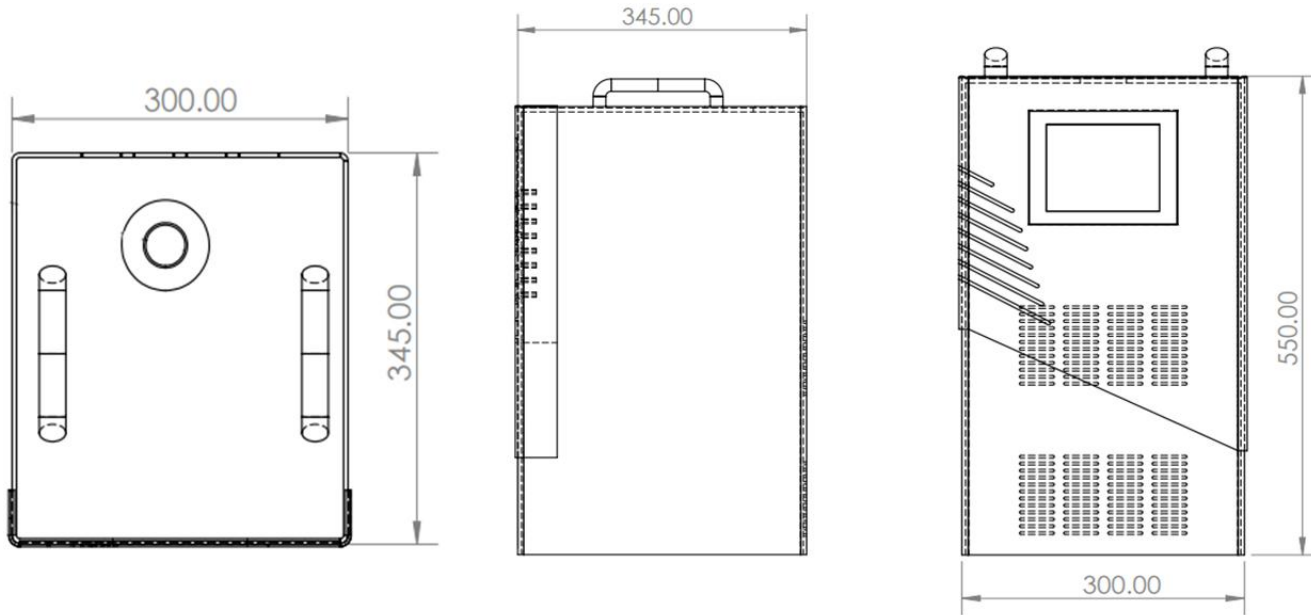
Ultra  
Cool

# Ultra Cool Dry Block Temperature Calibrator

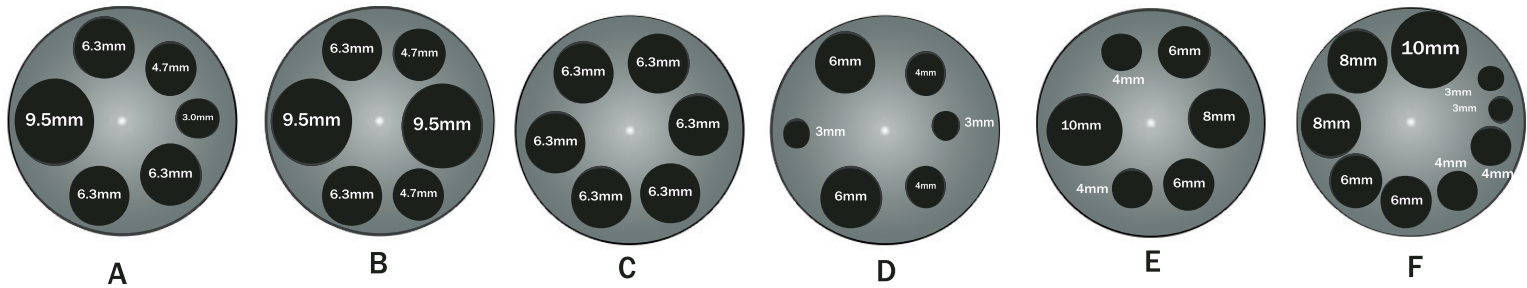
Range: -90 °C to 25 °C

## Technical Specification

Product Dimensions (LXBXH) 300X345X550 (in mm)



## Insert Dimensions



Well Diameter : 35 mm.

Immersion length(Well depth): 115mm

### Storage condition

Temperature : 0 °C to 40 °C

Relative Humidity :0 % RH to 95 % RH

### Accessories

Operating Manual

Standard Insert (F)

Customised Insert (If ordered)

Carry Case(If ordered)