

# Guide to Rapid and Remote Deployment of Ultra-Low Temperature (ULT) Storage




## ULT Solutions for COVID-19 Vaccine Research and Test Specimen Storage



COVID-19 has research organizations focused on developing vaccines and diagnostic facilities working overtime to process the backlog of test kits. You might need ULT storage in areas where you have not needed it before, or you might be scrambling to **comply with CDC guidelines** for test specimen storage while facing space limitations and low power availability.

With its breakthrough cooling technology, Stirling Ultracold has the most flexible and lightweight ULT product line to meet rapid and remote deployment challenges and remain useful after these extraordinary circumstances pass. And our SU780XLE upright model is part of VWR/Avantor's "COVID-19 Virus Detection" protocol/product list.

- **Uniquely portable, compact and lightweight ULTs for confined spaces**
- **Plug into standard 110V power (flexibility for 220V or any outlet worldwide)**
- **Widest range of temperature setpoints: -86°C to -20°C**
- **Easy installation in any room without HVAC modifications**
- **Expedited delivery in as quickly as one week (for a limited time)**

	Portable/Deployable Model ULT25NEU	Undercounter Model SU105UE	Upright Model SU780XLE
			
<b>Smallest Footprint (Exterior Dimensions)</b>	692.5 x 350 x 460 mm (27.3 x 13.8 x 18.1 in.) L x W x D	864 x 711 x 686 mm (34 x 28 x 27 in.) H x D x W	1,994 x 870 x 915 mm (78.5 x 34.3 x 36 in.) H x D x W
<b>Lightweight</b>	21 kg (46 lbs.)	100 kg (220 lbs.)	284 kg (625 lbs.)
<b>More Capacity per Unit Size (in standard 2-in boxes)</b>	18	72	600/700
<b>Widest Temperature Range</b>	-86°C to -20°C	-86°C to -20°C	-86°C to -20°C
<b>Lowest Power Consumption (steady-state)</b>	2.8 kWh/day (average power: 118 watts) at -80°C	< 4 kWh/day at -80°C	6.67 kWh/day at -75°C (ENERGY STAR®-certified weighted average)
<b>Universal Voltage Input (plugs into any outlet)</b>	✓	✓	✓
<b>Immediate Power-up &amp; Brownout Tolerance</b>	✓	✓	✓
<b>Remote Connectivity &amp; Monitoring</b>	SenseAnywhere	SenseAnywhere	SenseAnywhere, BACnet™ for BMS/BAS and MQTT for M2M
<b>Application</b>	Portable	Compact, undercounter and stackable	Upright
<b>Expedited Delivery*</b>	✓	✓	✓

\* For a limited time; subject to change without notice.