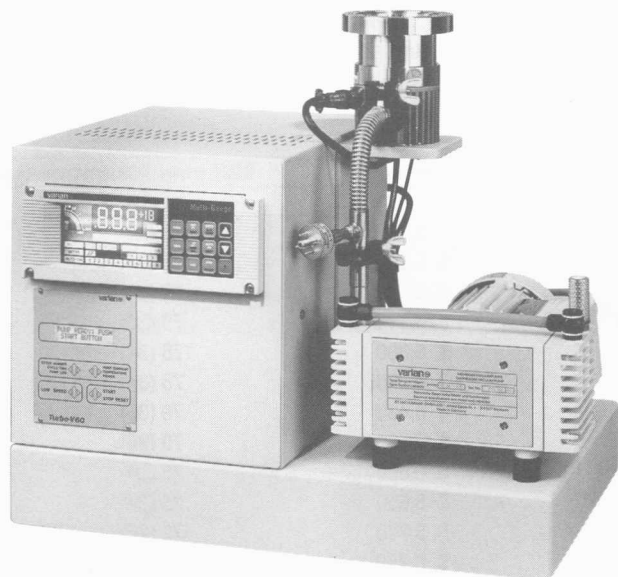


Turbo Pumping Systems - 120 Volts

Turbo Mini Pumping Station

40 to 280 liters/sec



Turbo Pumping Systems

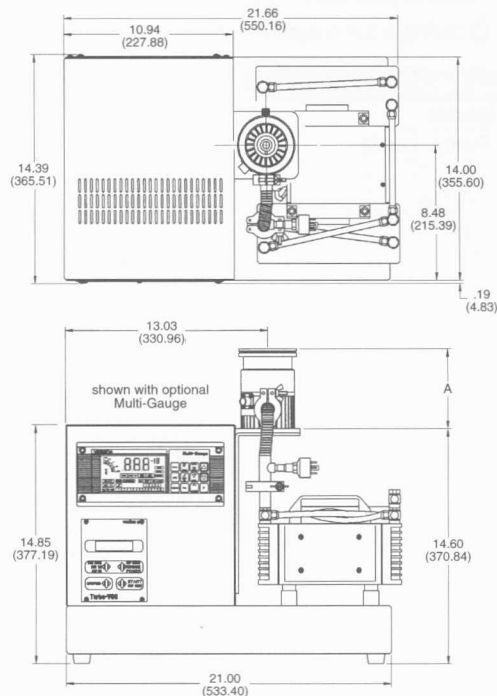
The Turbo Mini Pumping Station is a compact system mounted on a sturdy platform. It is designed for high utility, adaptability, and can be customized for both stationary and mobile applications. The integral console houses the Turbo-V controller and a wide choice of vacuum gauge controller options (shown here with Varian's optional Multi-Gauge).

The Mini Station is available with Turbo-V pumps ranging in pumping speed from 40 to 280 liters per second and configured with your choice of either ISO or ConFlat inlet flanges. All, except the Turbo-V70, are MacroTorr pumps.

Wide-range Varian MacroTorr pumps allow you to use dry diaphragm backing pumps for a totally hydrocarbon-free environment required for ultra-clean applications. Conventional Varian Standard Series rotary vane backing pumps are also available as user-selected options for less demanding requirements.

Customize your Mini Station with choices of backing pumps, vacuum gauging and controllers, venting devices, forced-air or water-cooling kits, inlet and foreline valves, and turbo inlet spool pieces or adapters.

Outline Drawing inches (mm)



Pump	Inlet Flange	A height
V70 and V70D	KF-40 2.75 in. CFF	5.9 in.
	ISO-63 4.5 in. CFF	5.2 in.
V70LP	KF-40 2.75 in. CFF	6.5 in.
	ISO-63 4.5 in. CFF	5.8 in.
V150HT	ISO-63 4.5 in. CFF	7.8 in.
	ISO-100 6 in. CFF	6.35 in.
V250 and V300HT	All	6.60 in.

Applications

- HV and UHV based research
- Laser manufacturing
- Sample preparation
- Ion pump system roughing
- Lamp and tube processing
- Cryopump regeneration