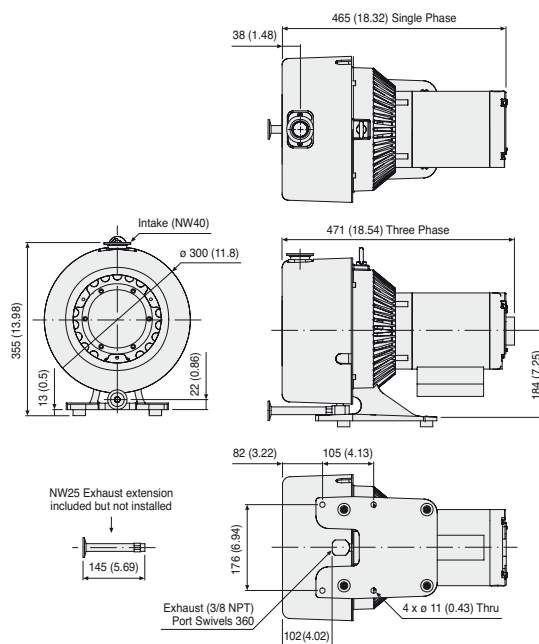


PUMP MODELS

► Agilent TriScroll 600



The TriScroll series are two-stage dry scroll pumps that have high pumping speeds and low base pressure. TriScroll pumps eliminate the frequent maintenance requirements of oil-sealed rotary vane pumps, simplifying regulatory and environmental compliance, and eliminating oil disposal costs. The unique, patented TriScroll features proven reliability and durability, delivering consistent performance and superior cost of ownership.

- High pumping speed and low ultimate pressure provide clean, dry vacuum
- Long-life tip seals routinely last more than a year before replacement
- Bearing purge port permits simple maintenance and delivers long bearing life
- Automatic air ballast manages water vapor without reducing pumping speed

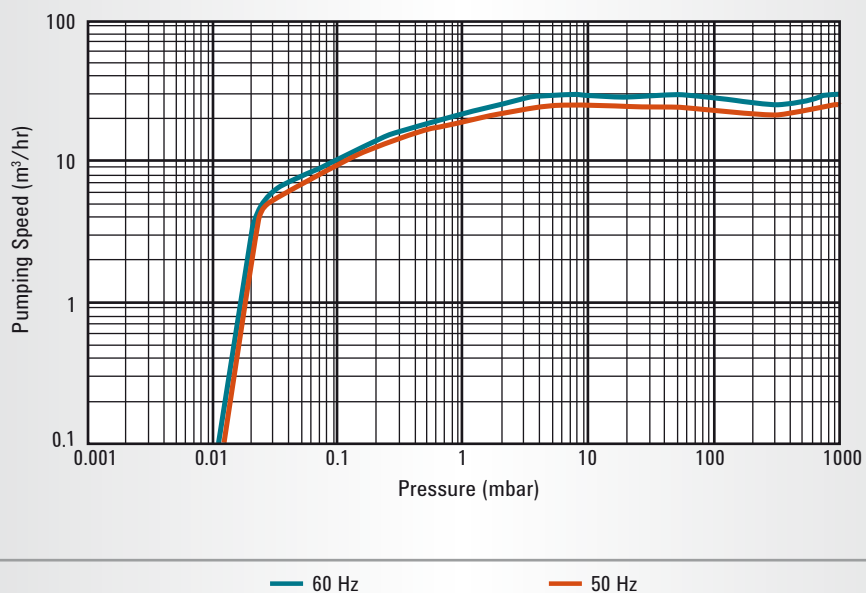
Technical Specifications

Pumping speed	60 Hz: 500 l/m 30 m ³ /hr, 17.7 cfm 50 Hz: 420 l/m, 25.2 m ³ /hr, 14.8 cfm
Ultimate pressure	9.3 x 10 ⁻³ mbar (7.0 x 10 ⁻³ Torr)
Maximum inlet pressure	1.0 atmosphere (0 psig)
Maximum outlet pressure	1.1 atmosphere (1.5 psig)
Inlet connection	NW40
Exhaust connection	3/8" Female NPT with swivel (NW25 adapter provided)
Gas ballast	1/4" Female NPT (shipped with 40 micron filter installed; port plug also provided)
Operating voltages	10 models: 50-60 Hz/100-115, 200-230 VAC 30 models: 50 Hz/200-230, 380-415 VAC; 60 Hz/200-230, 460 VAC
Weight	Pump only: 32 kg (70 lbs) Shipping weight: 40 kg (87 lbs)
Certification	CE, CSA and RoHS

NOTE: Scroll pumps are not suitable for pumping corrosive, explosive or particulate-forming gases.

DRY SCROLL PUMPS

TriScroll 600 Pumping Speed – Air/N₂



Ordering Information

Description	Part Number
TriScroll 600 dry vacuum pump, 1Ø motor	PTS06001UNIV
TriScroll 600 dry vacuum pump, 1Ø motor, Euro cord	PTS06001UNIVEU
TriScroll 600 dry vacuum pump, 1Ø motor, UK cord	PTS06001UNIVUK
TriScroll 600 dry vacuum pump, three phase motor	PTS06003UNIV
TriScroll 600, 1Ø, with vacuum isolation valve (VPI), 120 V	PTS06001UVPI*
TriScroll 600, 1Ø, with VPI, 220 V, EU power cord	PTS06001UVPIEU
TriScroll 600, 1Ø, with VPI, 220V, UK power cord	PTS06001UVPIUK
TriScroll 600, 3Ø, with VPI, 200 V	PTS06003200VPI
TriScroll 600, 3Ø, with VPI, 230 V	PTS06003230VPI
TriScroll 600, 3Ø, with VPI, 380 / 415 V	PTS06003380415VPI
TriScroll 600, 3Ø, with VPI, 460 V	PTS06003460VPI
TriScroll 600 exhaust extension	S4807001

* Contact Agilent for other voltages.

Accessories – Refer to the Scroll Accessories section beginning on page 27

Maintenance/Service Parts – Refer to the Scroll Service Parts section beginning on page 34