

DWV System

Dedicated Workstation Vacuum System

- Self-contained liquid waste handling system
- High quality, low-noise vacuum pump (40 dB(A) maximum)
- Dual flask design for improved vacuum stability

Description

The Warner DWV Vacuum System is designed to facilitate removal of waste solutions from cell imaging and recording chambers. The DWV is equally at home in labs lacking an in-house source and those having vacuum but in need of a smoothly operating source. For example, many labs experience problems with stable chamber aspiration due to fluctuations on the vacuum line.

The heart of the system is a low-noise, medical grade linear piston vacuum pump having only a single moving part. This insures long pump life and quiet operation. Twin 2000 ml wide neck Erlenmeyer flasks are used to trap aspirant and to provide vacuum storage for increased stability. All wetted materials are made from chemically resistant materials. A needle valve is used to adjust the vacuum pressure making it easy to achieve a stable 50:50 air:fluid mixture from the recording or imaging chamber. A convenient vacuum gauge is included.

Each DWV system is a complete out-of-the-box aspiration system, simply insert the stoppers into the flasks, connect power, and you're ready to go.

Ordering Information

Cat. No.	Model	Product
64-1940	DWV	Dedicated Workstation Vacuum
Replacement Items		
64-1941	EF-2	Replacement 2 Liter Flask wide neck Erlenmeyer (glass)
64-0167	TY-50	Tygon Tubing 1/8 x 1/16" x 50 ft



Specifications

Power Requirements	92-250 VAC, 50/60 Hz, 9.0 VA
Maximum Airflow	3 liter/min (Free Airflow)
Maximum Vacuum	-60 kPa, or -17.7 in Hg
Noise Level	(40 dB(A) maximum @ 1 meter
Liquid Storage	2000 ml
Duty Cycle	Continuous
Tubing Size	1.58 mm I.D. X 3.175 mm O.D. X 3 meters 1/16" I.D. X 1/8" O.D. X 10 feet

Physical Dimensions:

Dimensions	22.9 cm x 35.6 cm x 22.9 cm (H x W x D)
Shipping Weight	6.35 Kg
Warranty	One year on the electrical components

