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## ORDELA Model 8200A-PPS-115 PORTABLE PUMP STATION

### DESCRIPTION

The ORDELA Model 8200A-PPS-115 Portable Pump Station is a mechanical vacuum pump system ideal for evacuating ionization chambers such as the ORDELA Model 8210A or 8208-LB.

The Model 8200A-PPS-115 consists of a cart mounted Welch Directorr V 8920 two-stage pump, a Thermocouple vacuum gauge and readout, an anti-backstreaming trap, a flexible bellows tubing with connections for interfacing to the ORDELA Model 8210A/8208-LB, an oil pan, and an oil exhaust filter. The Welch pump has a nominal displacement of 7.4 CFM (210 liter/minute). The Portable Pump Station, as configured, has the capability to evacuate the ORDELA Model 8210A to  $<5 \times 10^{-3}$  Torr in 5 minutes. The Model 8200A-PPS-115 includes a fold-down handle for convenient storage.

### SPECIFICATIONS

NOMINAL PUMPING SPEED:	7.4 CFM (210 liters/minute) at 60 Hz
ULTIMATE VACUUM:	$7 \times 10^{-3}$ Torr
SOUND LEVEL:	60 dBA
MOTOR PUMP SPEED:	1725 rpm at 60 Hz
OIL CAPACITY:	1.4 qt. (1.3 liter)
MOTOR HORSEPOWER:	1/2 hp
FLEXIBLE BELLOWS LENGTH:	4 ft. (1.2 meters)
SHIPPING WEIGHT:	55 kg
POWER REQUIREMENTS:	115 V/60 Hz - 7.0 A

### ACCESSORIES

Standard accessories, delivered with the Model 8200A-PPS-115 at no extra cost are: (1) 500 ml of extra pump oil. (2) 6-foot-long (2 meter) power cable. (3) 6-foot-long thermocouple cable for interconnection to the Model 8200A/8208-LB vacuum gauge port.

Optional accessories are: (1) 230-V/50 Hz operation.

### WARRANTY

ORDELA, Inc. warrants its products to be free from defects in materials and workmanship for 12 months after shipment. No other warranty is included. Specifically, no warranty of merchantability or fitness for a particular purpose is implied. ORDELA's liability under this warranty is limited to repairing or replacing the product at ORDELA's option. This warranty is void if the product is operated improperly, disassembled, or modified other than in the ORDELA laboratory.