

Water Supplies for Water Injector Systems™

Mobile, convenient battery watering



HydroCart Max in operation and Instant Valve Pro

The Philadelphia Scientific Water Injector System is the World's fastest, most reliable way to add water to industrial batteries. And the system is simple to use: an operator makes a hose connection, opens a valve and in 15 seconds or less the entire battery is watered - perfectly. This is eight times faster than filling a battery with a float-based system. For most warehouses and DC's, that adds up to hours of maintenance time saved each week.

The speed of fill with the Water Injector System requires a lot of water at a high pressure. They require a minimum 25 psi (1.7 Bar) of flowing water at a rate of 8 gallons (30.2 Litres) per minute.

We offer a complete line of compatible water supplies to make sure you can provide the correct water pressure wherever you water your batteries.

Our range of watering carts are designed specifically for the demands of the Water Injector System and harsh industrial environments. They allow the operator to easily transport battery filling water to where it is needed and the sturdy construction ensures years of productive use.

Water Injector System™

The fastest, most reliable battery watering system

Philadelphia Scientific offers several water supplies that are compatible with our Water Injector System™ and our Water Injector Spider System™.

HydroCart™ Max

Features

- Sturdy 20-gal. (75.7 l) polypropylene tank
- Plugs into 230V outlet
- Handles like a hand truck
- On/off switch and power indicator located on front of unit
- 43 ft. (13.11 m) of total reach
- Flow indicator tells you when the Injectors have shut off and it is time to disconnect



Specifications

Part No. INJ-HCT

Capacity	20 gal. (75.7 l)
Range	43 ft. (13.11 m)
Height	45 in. (114.3 cm)
Width	20 in. (50.8 cm)
Empty weight	64 lb. (29 kg)
Output hose	18 ft. (5.5 m)
	5/8" (1.5 cm)
Power	110V or 230V
Power cord length	25 ft. (7.6 m)
Wheel size	8 in. (20.3 cm)
	ball bearing

HydroCart™ Mini

Features

- Sturdy 10-gal. (37.8 l) polypropylene tank
- Plugs into any 110 VAC outlet
- Designed for small to mid-range operations
- Handles like a hand truck
- 23 ft. (7.1 m) of total reach
- Flow indicator tells you when the Injectors have shut off and it is time to disconnect



Specifications

Part No. INJ-MINI

Capacity	10 gal. (37.8 l)
Range	23 ft. (7.1 m)
Height	35 in. (88.9 cm)
Width	15 in. (38.1 cm)
Empty weight	31 lb. (14.1 kg)
Output hose	10 ft. (3.0 m)
Power	230V
Power cord length	13 ft. (3.9 m)
Wheel size	8 in. (20.3 cm)

BladderTank

Features

- Unlimited mobility range
- No mains power required to operate unit
- Sturdy 10-gal. (37.8 l) heavy duty steel tank
- Handles like a hand truck
- Fill directly from mains water supply
- Internal air bladder provides pressure necessary for water flow
- Capacity gauge indicates how full the tank is
- Tank capacity based on your pressure:

Input Pressure (PSI) Tank

Capacity (US Gal.)

80 (5.5 Bar) 10 (37.8 l)

70 (4.8 Bar) 9.5 (35.9 l)

60 (4.1 Bar) 8 (30.3 l)

50 (3.4 Bar) 6 (22.7 l)



Specifications

Part No. INJ-T10M

Capacity	10 gal. (37.8 l)
Range	Unlimited
Height	41 in. (104.1 cm)
Width	17 in. (43.2 cm)
Empty weight	59.9 lb. (27.2 kg)
Input hose	9 ft. (2.7 m)
Output hose	18 ft. (5.5 m)
	5/8 in. (1.5 cm)
Power cord length	n/a
Wheel size	8 in. (20.3 cm)
	ball bearing

Very low mains water pressure may require a booster pump.

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Philadelphia Scientific®
industrial battery innovation