




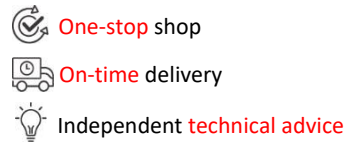
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-  One-stop shop
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Philapdelphia Scientific Water Deionizer system





Water Deionizer System

Hard water in your water supply may be causing poor battery performance. Metallic impurities in water can affect cell voltages and increase self-discharge, resulting in shortened battery run time and reduced battery life. The traditional method to avoid water impurities is to use distilled water, an expensive and inconvenient proposition. Using deionized water is a simple and effective way to maximize battery life.

Easy to use

- Comes with everything you need to make pure water from the tap
- Operates at full-line pressure to dispense pure water directly from the deionizer
- Quick cartridge replacement requires no tools
- 6 m output hose allows maximum watering flexibility and convenience
- Optional Watering Gun lets you fill a battery directly from the deionizer

High capacity

- Cartridge is rated for 2300 litres or 600 gallons of pure water*
- Capacity varies with purity of incoming water. See Purity Chart

Exclusive battery-operated purity light

- Dual color light indication signals when it's time to change the cartridge
 - Green light means water quality is OK
 - Red light means it is time to change cartridge
 - No light means batteries need to be changed
- Includes 2 D-cell batteries that will last for 2 years
- No need to mount near AC power source

Easy installation




A mounting plate with hose hanger is provided for easy installation. The cartridge has standard hose fittings and connects in seconds to the input and output hoses with quick-connect couplings. No plumber or maintenance department is required. Cartridge replacement takes just seconds – and disposal is easy because cartridge contents are non-toxic.

Pressurized system

Unlike some lab-type systems, the WD2000 cartridge takes full-line pressure up to 5,5 bar (80 psi). So the water flow is fast enough to use directly with the Watering Gun.


Low cost

Cartridges are available for a fraction of the cost of distilled water, enabling battery users to produce their own pure water for less money than it would cost to buy it.

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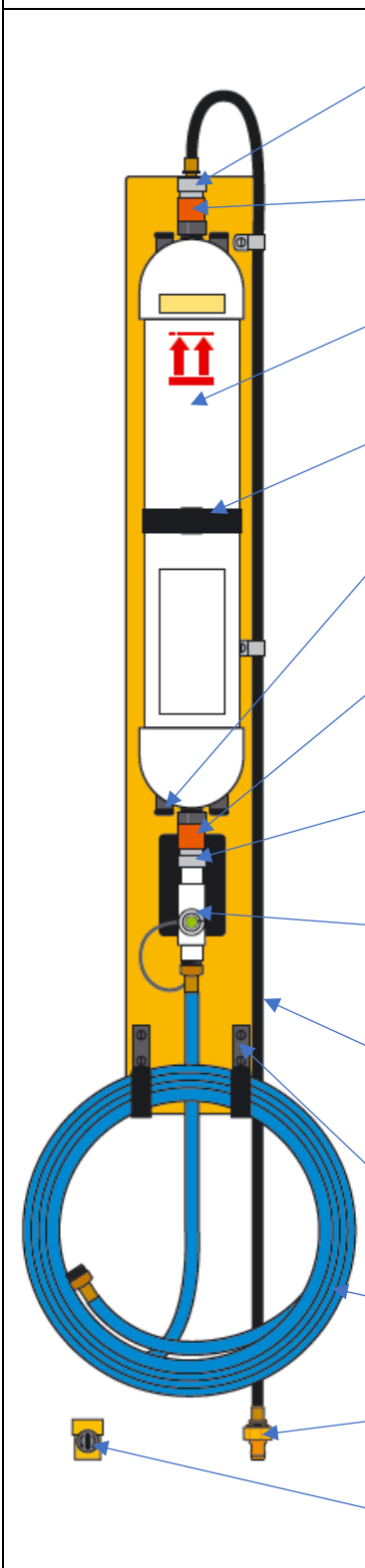















Water Deionizer System

| Specifications | | |
|--|----------------------|------------------------------|
|  | | |
| Order reference | WD2000 | |
| Flow Rate – with provided restrictor | 2 lpm (0.5 gpm) | |
| Purity Light Power Source (included) | 2 D-cell Batteries | |
| Life Estimation | 2 years | |
| Purity Light Setting | 50 ppm | |
| Dimensions | Mounting Plate | 1115 mm x 155 mm (44" x 6") |
| | Disposable Cartridge | 690 mm x 123 mm (27" x 4.5") |
| | Input Hose | 9,5 mm x 3m (3/8" x 10') |
| | Output Hose | 9,5 mm x 6m (3/8" x 20') |
| Maximum pressure tap water | 5,5 bar (80 psi) | |

| Purity Chart (= capacity in function of purity of incoming water) | | | | | |
|---|-------------------------|--------|---------------|--------------------|--------------|
| ↓Purity of tap water↓ | Total Dissolved Solids* | | Conductivity* | Cartridge Capacity | |
| | PPM | Grains | µS/cm | Litres | U.S. Gallons |
| Good | 20 | 1.17 | 30 | 13.627 | 3600 |
| | 50 | 3 | 75 | 5.451 | 1440 |
| | 75 | 4 | 112,5 | 3.634 | 960 |
| Average | 100 | 6 | 150 | 2.725 | 720 |
| | 125 | 7.3 | 187,5 | 2.180 | 576 |
| | 150 | 9 | 225 | 1.817 | 480 |
| Poor | 200 | 12 | 300 | 1.363 | 360 |
| | 250 | 15 | 375 | 1.090 | 288 |
| | 300 | 17.5 | 450 | 908 | 240 |


*to be provide by water company or to be measured

| Spare parts | | | |
|---|---------------|---|---|
|  | WD-PS-120 | Male coupling threaded inside 3/4 |  |
| | WD-PS-125 | Quick disconnect female - female thread |  |
| | WDFIL2000 | Cartridge for WD2000 * to be disposed as ordinary trash * cartridges have a five year shell life from date of manufacture |  |
| | WD-PS-170 | Mounting Strap |  |
| | WD-PS-181 | Bracket, straight, 2 pack |  |
| | WD-PS-125 | Quick disconnect female - female thread |  |
| | WD-PS-120 | Male coupling threaded inside 3/4 |  |
| | WD-PS-160DC | Purity Light, Complete Tee Assembly, DC battery incl. |  |
| | WD-PS-140 | Input Hose, 3m (10') |  |
| | WD-PS-ACC-035 | Bracket Hose Hanger, 2 Pack |  |
| | WD-PS-150 | Output Hose, 6m (20') |  |
| | WD-GUN-GF | Quick Connect Male |  |
| | WD-PS-190 | Flow Restrictor |  |

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Accessories

| | | |
|----------------|--|---|
| WD-PS-121 | Female coupling with male thread |  |
| WCA-FA-ACC003C | Adjustable filling adapter, set 0.65 Bar - coupling incl. * to couple the deionizer directly onto an automatic filling system * also order WD-PS-121 to couple to de deioniser |  |
| WGU-XPS | Universal watering gun * also order WD-PS-121 to couple to de deioniser |  |