

Now that phx42 is here, is there really any competition?

(+ indicates enhancement on phx21 design.)



Weight (lbs)	7.25 +	9.4
L x H x W (in)	10 x 2.16 x 7.5 +	11.5 x 4 x 9
Size (cubic inches)	162 +	414
Modern LiO Battery with Management System	Yes +	No
Battery and Pump Warranty	1 year	1 year
Time to replace Pump (On-site)	10 minutes	2 ½ Hours
Filter Removal Detection*	Yes	No
Case Construction	Aluminum	Plastic
Warm-Up Time (Minutes)	15:00 +	30:00
Time to Refill H2	<15 Seconds	2-3 Minutes
Active Hydrogen Regulation	Yes	No
PPM Range	0 to 100,000 ppm +	0 to 30,000 ppm
Scrubbed Combustion Air	Yes +	No
Web-based Level One Repair Tech Cert Program	Yes	No
Customer Portal (access to all equip repair info)	Yes	No
Onboard Logging for Diagnostic Purposes	Yes +	No
Reliable Patented Pump Throttling	Yes	Uncertain
Modular (low cost) Glow Disk	Yes	No
Integrated H2 Cylinder	Yes	No
Tricky Left-Handed Threads on H2 Cylinder	No	Yes
Bluetooth Standard	Yes	No
Configurable for Cooling Tower Monitoring*	Yes +	No
Operate in reduced Oxygen locations	Yes +	No
Safety Certification Standards	Worldwide +	Worldwide
Breakable Keyboard and Display on Case	No	Yes
O-rings requiring Maintenance	None +	6
Optimized for Extreme Cold	Yes	No
Where are H2, Filter, Battery Notices Displayed?	Via Bluetooth	On Case in Backpack
Additional Charge for Expedited Service	No	Yes
Sleep Mode to evacuate moisture from FID	Yes	No

* Filter Removal Detection and Cooling Tower Modes cannot be implemented at the same time.

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