

# LDARTOOLS E-NEWSLETTER

There's a way to do it better - find it. ~ Thomas A. Edison

Visit [www.phx21.com](http://www.phx21.com).

LDARtools ■ 1320 HWY 3 South, Unit D3 ■ League City ■ Texas ■ 77573  
[www.ldartools.com](http://www.ldartools.com) ■ [sales@ldartools.com](mailto:sales@ldartools.com) ■ 877-788-1110

## phx21™ Now Certified!

First phx21™ orders will ship on November 19<sup>th</sup>. Units will be shipped on a first ordered/ first shipped basis.



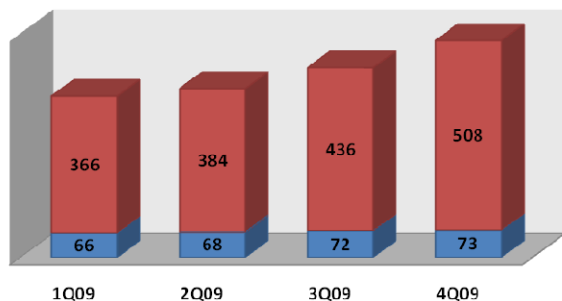
Base Price = \$12,995.00.

### Does phx21™ comply with the requirements of Method 21?

M21 Sec	Requirements	phx21™
6.1	Published list of Response Factors?	155
6.2	Capable of measuring specified leak definitions?	✓
6.3	Scale readable to ±2.5 percent of the specified leak definition?	✓
6.4	Nominal sample flow rate 0.10 to 3.0 l/min?	✓
6.5	Probe tip outside diameter not to exceed 1/4 inch with a single-end opening?	✓
6.6	Certified Class 1, Div 1?	✓
6.6	Exhaust flame arrestor?	✓
8.1.3.2	Response time < 30 seconds?	✓

## Installing LDARtools Across the Nation

■ # of Sites using LDARtools ■ # of FECrystals/c2 in use



## phx21™ FAQs

- How can we place an order?**  
Credit Card orders can be placed online at [www.storeldar.com](http://www.storeldar.com). For information on ordering with a Purchase Order, email [sales@ldartools.com](mailto:sales@ldartools.com).
- What do I need in addition to the Basic unit?**  
The H<sub>2</sub> Safe Fill Adapter (\$500) is required.
- What does the Basic Unit do?**  
Basic Unit allows manual (paper documented) calibration and monitoring with either LeakDAS Mobile or Guideware.
- If I want to do automated, paperless calibration, what do I need?**  
You will need a SpanBox3™ and Cal3.0™. (See phx21™ Price list.)
- I already own a TVA, an FECrystal™ and/or a SpanBox™ and am using Cal2.0™. Will I get credit for those purchases?**  
Yes. Please consult the price list.
- What PDA's will phx21™ interface with?**  
Any PDA that is running Windows Mobile 5 and 6 devices with Bluetooth enabled. This includes such models as Archer Field PCs, Intermecs and Symbol 9090s.
- Will phx21™ function as a PID?**  
No.
- What is the warranty period?**  
1-year limited warranty. Standard limitations apply. Warranty on pump is voided if unit is operated without being attached to PDA with Automatic Pump Blockage Protection feature. (Software is provided at no additional charge. But you have to use it!)
- Can I perform routine maintenance or repairs on my own phx21™s?**  
Training material will be available for purchase after 1/1/2010. The material will enable you to do simple maintenance and repairs (such as adjusting sample and supply flows, replacing certain components such as pumps, regulators, Bluetooth transmitters and glow plugs). The price for this material will be reasonable and we are making every effort to make replacement parts available at appropriate prices.
- Are there any restrictions or concerns about doing in-house repairs?**  
Yes. The intrinsic safety certification of the phx21™ is contingent on the utilization of specific parts, manufacturers, procurement practices, preparation and maintenance. For instance, the pump can be purchased "off-the-shelf" but must be encapsulated in an epoxy-like substance to very precise specifications in order to comply with the intrinsic safety requirements. In addition, there are some parts for which LDARtools is the only supplier. Our intention is to make these parts available at reasonable prices, but care must be taken each step along the way to ensure that the safety and integrity of the analyzer is not compromised by ill-advised procurement practices or repair methods.
- Can I use Cal3.0™ with tedlar bags?**  
Yes.

For a complete copy of the phx21™ price list and FAQs visit our website ([www.phx21.com](http://www.phx21.com)).