

Automated Mobile Phase Prep

in minutes...with push-button convenience.

New: Automated pH Adjustment



Break through to the *New* solution for HPLC/UHPLC Mobile Phase Preparation – with the **PhasePrep™** from **Design Scientific**.

The PhasePrep™ *automatically* and *accurately* creates mobile phases – including pH adjustment – with push-button ease.

No more ...

- lifting heavy bottles
- handling expensive glassware
- reading meniscus lines
- breathing solvent vapors

Accurate ✦ **Precise** ✦ **Safe**
Secure ✦ **GxP-Compliant**

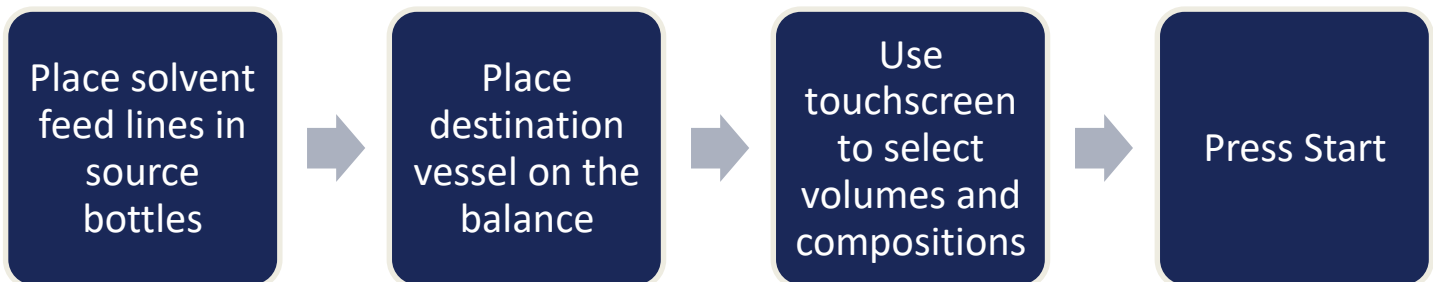
PhasePrep™: A New Approach to Mobile Phase Prep

For over 50 years, liquid chromatography has experienced innovation after innovation – barring one area. Mobile phases are still made essentially the way they were in the very beginning, using volumetric or graduated glassware, manually pouring solvents from one vessel to another.

The PhasePrep™ Approach

With PhasePrep™, solvent mixtures are created **gravimetrically** – based on component densities – on a high-performance balance, using proprietary pumping systems. pH of these mixtures is also adjusted automatically through precise addition of appropriate acids or bases.

Full Automation



PhasePrep™ Specifications

Typical solvent dispensing precision:	+/- 2 drops (one drop ~ .025 g)
Solvent weighing precision:	0.01 grams (~ 10 microliters)
Balance Capacity:	8,200 grams
Number of methods stored:	1000
Number of solvent pumps:	2 – 8 pumps
Pump type:	Pulseless, self-priming, magnetically-coupled gear pumps
Wetted materials of construction:	Teflon®, 316 stainless steel, graphite
Maximum Solvent delivery rate:	500 ml/minute for each pump
Security:	Password protected operator and administrative functions.
Documentation:	Full GxP documentation available.
Computer:	Built in, touchscreen PC with Windows XP operating system
Electrical:	110-240 Volts @ 50-60 Hz, 100 Watts
Physical:	27 cm (10.7") W x 53 cm (20.8") L x 35 cm (6.9") H
Weight:	Varies depending on the number of pumps

PhasePrep™ is available in North America from:

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