1.1.4.7 Auto•Blend Plus

Auto•Blend Plus technology uses pure solvents and concentrated stocks to blend mobile phase compositions at a specific pH. At the same time, it controls the concentration of salt or organic solvent to optimize separations. Use the Auto•Blend Plus feature to create and store buffer systems in a solvent catalog that all users of a QSM can share. To prepare and adjust chromatographic mobile phases, you add acid, base, salt, organic solvent, or water to the solvent reservoirs. By doing so, you can optimize protein separations, which are especially sensitive to a buffer's pH and salt concentration. You can also optimize reverse-phase separations that are sensitive to pH and organic-solvent composition.

See also:

- *Auto•Blend Plus Technology for Ion Exchange, Size Exclusion, and Reversed-phase Chromatography*, included on the system documentation media.

- The Auto•Blend Plus videos on the Waters website (https://www.waters.com/waters/en_US/Auto%E2%80%A2Blend-Plus/nav.htm?cid=134623262&locale=en_US).

1.1.5 System components - Arc HPLC

The following illustration depicts an Arc HPLC system stack that includes core modules and a detector.