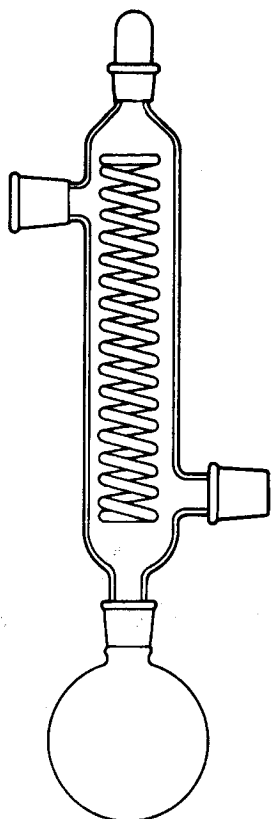


Pope Wiped-Film Stills

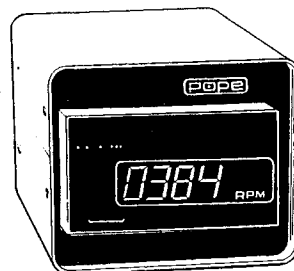
Still System Accessories

Bulletin No. 7



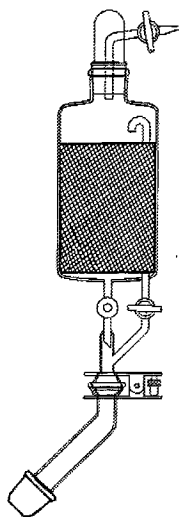
External Condenser with Receiver—

Attaches to still body vacuum sidearm in place of cold trap, or between trap and still body, to provide extra condensing power. Optimally utilized where a significant percentage of solvent must be removed from feed stock, typically under weak or medium vacuum levels. Can be used in conjunction with an Internal Condenser, or else alone (the latter case resulting in the standard Wiped-Film Evaporator / Concentrator (WFE) configuration of the still).

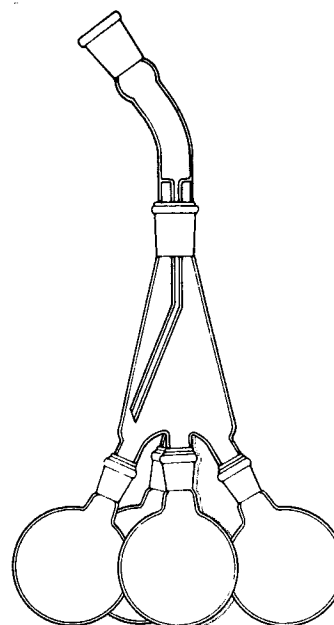


Digital RPM Indicator for Variable Still Drive —

Shows actual rotational speed of wiper drive. Depending on application, RPM can be an important variable.

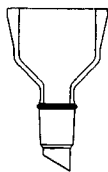


Heating Mantle for Feed and Degasser Flask— Available for 1, 2, 4 or 6 liter flasks. Laminated, silicone rubber covered resistance heater with built-in thermocouple. Includes straps for easy installation and removal.



Multiple Flask Receiver— Includes four separate receiver flasks, rotatable so that only one of the flasks receives distillate or residue at a time. Available with 200 ml, 500 ml or 1 liter flasks. Replaces standard receiving flask on still. Utilizing 2 sets allows straightforward mass balance determination and feed rate confirmation.

Funnel Bottom Adapters — Used for residue collection in Evaporator (WFE) version stills. Allows straightforward conversion of Molecular Still to Evaporator still units when substituted for the internal condenser, and with the addition of an external condenser.

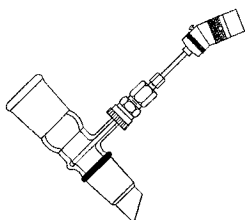


45° Elbow Adapter (no. 40841) — Used below still body funnel bottom adapters or external condensers, allows straightforward connection of standard rotatable multiple receiver flasks or bottom-outlet receiver flasks. Also permits incorporation of a no. 40710 product discharge thermocouple assembly.

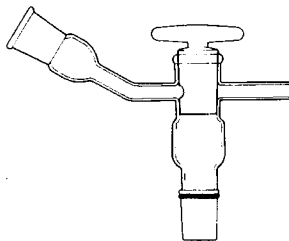
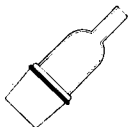


Product Discharge Thermocouple Assembly (no. 40710)

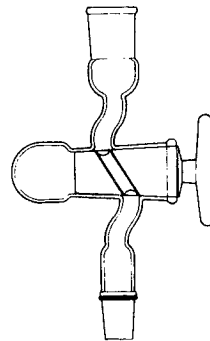
— When added to still discharge ports, allows for direct sensing of distillate or residue temperatures. Includes a J-type thermocouple, requires a digital display or controller, (not included). May also be used at still body feed arm.



Feed Pump Adapter — Substitutes for standard feed/degasser flasks as an alternate method of admitting material into still. Permits continuous feeding from feed pump systems or needle valve assemblies (available from Pope Scientific, specified according to application). Typically connected via an "Ultra - Torr" fitting.

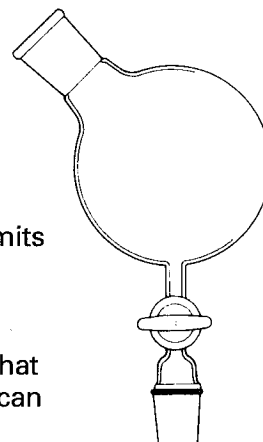


Stopcock Adapter for Still Outlets — Permits receiver flasks to be removed for emptying without losing vacuum in still body. Vacuum can be removed in flask only before removal.

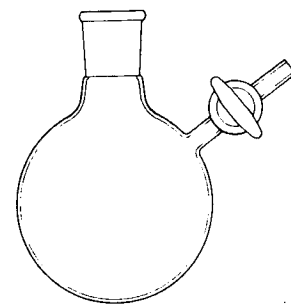


Stopcock Adapter for Use with External Condensers — Permits receiver flask at bottom of condenser to be removed without losing vacuum in the system. (Receiver must be the sidearm stopcock type)

Receiver Flask with Vacuum Stopcock and Joint at Bottom — Permits adding a second receiver flask in series and isolating it with the stopcock so that the distillate or residue can be removed without interrupting production.



Receiver Flask with Vacuum Stopcock Sidearm — Permits receiver flask to be reevacuated after emptying flask and replacing into the system.



See Accessories Price Lists for part numbers and prices.

Apparatus and instrumentation for science and industry



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