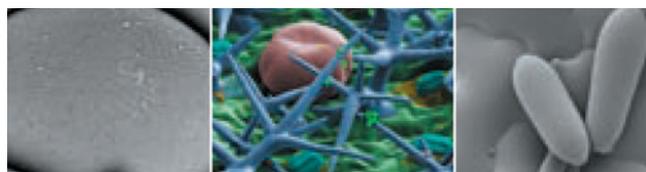
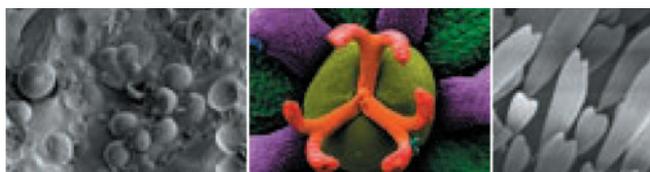


K850 Critical Point Dryer Specification



Key Features

- Vertical chamber with top filling and bottom draining
- Side viewing port - good visibility
- Built in adiabatic cooling and thermoelectric heating - accurate temperature control
- Fine control needle valve pressure let down - precise control of decompression and avoids potential damage to specimens by uncontrolled pressure release
- Built in magnetic stirrer - enhanced solvent exchange
- Temperature monitoring and control with thermal cut-out protection
- Pressure monitoring with safety cut-out for over pressure
- Easy to operate valves - light finger pressure only is need to open and close
- Safe operation - the design has been independently type tested to proof pressures in excess of the working pressure and bursting disc rupture pressure. A pressure bursting disc is also fitted to safeguard against misuse
- Three-year warranty



K850 Critical Point Dryer Specification

Quick Overview

The K850 combines versatility and ease of operation. Built in thermo-electric heating and adiabatic cooling enabling allow precise temperature control. The vertical pressure chamber (32mm diameter x 47mm) has a side viewing port which allows a clear view of the liquid meniscus during filling.

Product Description

The K850 is fitted with thermo-electronic heating and adiabatic cooling and temperature control of +5 °C cooling and +35 °C during heating. This ensures the critical point is accurately obtained.

The K850 is fitted with three valves: fluid inlet, flushing and a gas venting system which uses a fine needle valve to give controlled pressure let down. A built-in magnetic stirrer ensures thorough mixing of specimens with circulating fluids. The standard specimen holder has 12 individual wells (8mm Ø x 8mm high) and allows easy exchange and transfer to and from the K850. For very small specimens CPD800A porous pots are available - see Ordering Information. Each K850 Critical Point Dryer is pressure tested and comes with an appropriate certificate. To ensure safety a bursting disc is fitted.

Ordering Information	
K850 Critical Point Dryer	
Consisting of	Vertical chamber: (32mm Ø x 47mm H) with glass viewing port and safety shield.
	Magnetic stirrer located under the base of the chamber.
	Controllable adiabatic cooling and heating with digital read out.
	CO ₂ inlet valve, flushing valve and venting system and high pressure CO ₂ coupling hose.
Sample holders	B5222 standard 12 sample holder, with 12 individual sample wells (each 8mm Ø x 8mm H).
	EK4140 TEM grid holder
	EK4135 Glass microscope slide holder
	EK4150 Holder for bulk specimens (a single large sample container)
	CPD800A porous specimen pots.
	Operating manual and pressure testing certificate.