

Technical Specification of Alpha Counting System	
Features	Details
Electronics	All solid state, Micro-Controller based design
Preset Timer	Time settable between 1 and 9999 seconds with step of 1 seconds increment
Menu Display	Counts :999999 Time :9999 Runs :1000
HV Supply	Adjustable to 1000V by setting front panel mounted Trim pot
Data Storage	Store and recall facility for data up to 1000 readings
User Interface	4 Keys keypad with 16X2 line LCD for displaying Key function.
Data Transfer	To PC:232 COM Port To Printer : Centronics Parallel Port
Power	240 V,50 HZ AC Mains
Dimension	200L mm X 208D mm X 90H mm
Alpha Probe	2" dia ZnS (Ag) Scintillator with Myler sheet, mounted on 2" dia PMT type B51D01. The detector mounts upside down on the drawer assembly such that Myler face of the detector is just 2 mm above the sample filter paper.
Efficiency	Better than 25%
Background	Less than 3 Counts /Hr.
Drawer Assembly	2" diameter
Accessories	Thin layer of aluminized Myler sheet to protect from stray light. Necessary electronics & high voltage supply. Coaxial cable with BNC connector.