

## ALPHA CONTAMINATION PROBE TYPE : ACP-1

### Technical Data

**Alpha Contamination Probe** type **ACP1** of Nucleonix make serves as a large area (Approx. 100 sq.cm) alpha contamination probe. It is designed to work with Nucleonix make **Contamination Monitor (Bench Model) CM712** or its equivalent.

**Alpha Scintillator Screen:**

A rectangular ZnS Scintillator screen 10x10cm of covered with loose aluminized mylar foil with a suitable light guide for 2" PMT.

2" PMT of Hamamatsu or ETL or Equivalent.

**Viewing area** : 100 sq.cm Approx (circular)

**Operating Voltage Range** : 800V to 900V

**Efficiency** : Better than 25% (at centre) in contact with mesh

**Cable length** : One meter (by default)

**Open Area** : More than 85% of the area is open for measurement.



**FILE\_NAME : NSPL/DOC / DS / ACP1/01**

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