

ALSCIN MONITOR WITH DRAWER ASSEMBLY TYPE ALS939DD



TECHNICAL SPECIFICATIONS

DETECTOR

Radiation Detected	: α (Alpha)
Detector	: Built-in ZnS Scintillator(covered with aluminised mylar) with PM Tube
Scintillation Window	: Circular window of 5 cm diameter, with opening area >80% & Drawer arrangement for filter paper
Efficiency	: Better than 25%
Background	: < 7 Counts/hr

SCALER

Units	: Counts, CPM, CPS
Unit Selection	: By pressing single key (Mode key)
Range	: 0 – 999999 Counts, 9999CPS, 99999CPM
Accuracy	: $\pm 10\%$ of full scale
Audio Chirp	: A chirp sound per detected pulse (chirp mute if required)

CAT.NO. ALS939DD/ 0723

PLA ELECTRO APPLIANCES PVT. LTD.

THAKOR INDUSTRIAL ESTATE, KURLA - KIROL ROAD, VIDYAVIHAR (WEST), MUMBAI - 400 086
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TIMER

Auto Mode	: Starts with START switch & auto stops after preset time
Manual Mode	: START / STOP by button
Reset Button	: To reset Scaler & Timer
Elapsed time	: AUTO mode 1 to 9999s or 1 to 9999m (minutes)

CONTROLS & INDICATIONS

Power ON Switch	: Rocker Switch
Display Lamp Modes	: ON or OFF or power saving auto (10 sec)
Other Push Buttons	: START/STOP, RESET, SHIFT, UP & ENTER
Display	: 8 x 2 Alpha Numeric Dot Matrix LCD with back light
Count ON	: LED indication when counting is in progress
Over Range	: 'OFL' (overflow) on LCD, when count exceeds 999999

OTHERS

HV	: 500V - 1000V DC (factory set to suit detector)
Accessory	: Drawer assembly can be attached to measure contamination of filter paper 5cm dia or planchet (29mm ID, 35mm OD, 4mm depth)
MYLAR MOUNTING	: On S.S. frame
Power Supply	: (online charging) Rechargeable battery with battery chargers /mains operation 7.2 V Note: No need to remove batteries for charging. Charging can be done while using.
Charging time	: less than 3 hours
Accessories	: Battery Eliminator
Weight	: <2kg (drawer weight extra)

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