



Radial Detector Head for **RPC-1000**

Beta Particulate Radial Sampling Head

The RPC-1000 Radial Head is a fully compatible beta particulate aerosol detector designed to be used in conjunction with the Charthouse RPC-1000 Controller Unit. The instrument has been developed to match the operating characteristics of the Thermo Scientific™ AMS-4 Radial Detector Head while delivering enhanced modern day design improvements and features.

VALUE PROPOSITION

✓ CORE CAPABILITIES

- Direct replacement for Thermo Scientific™ AMS-4 Radial Head
- Highly visible LED alarm Indicators on all 4 sides
- Adjustable audible alarm
- Gamma area monitor functionality
- Easy opening lid allows for quick and easy filter paper replacement

★ KEY BENEFITS

- Equivalent functionality and performance as compared to legacy Thermo Scientific™ AMS 4 Radial Head results in straight forward program implementation (minimum changes/training required)
- Enhanced design features as compared to legacy AMS 4 Radial Head
- Improved opening/closing of detector filter paper compartment
- SMART memory board addition results in detector head's ability to retain key calibration parameters; removes requirement to calibrate in pair with corresponding meter electronics unit
- Improved safety performance due to enhanced visual and audible features

USER APPLICATIONS

Provides for real-time, breathing zone samples during high risk jobs/tasks

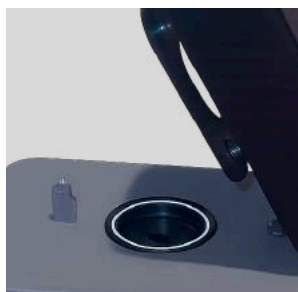
- Ensures DAC/DAC-hr levels are below prescribed limits.

Area monitor functionality

- Dual detector design results in gamma area monitor functionality
- Useful for use in dynamic dose rate environments

Emergency plan deployment

- Ensures response workers are protected from radioactive airborne contamination levels during an effluent release



PRODUCT INFORMATION

PART NUMBER	CDM91042	RPC-1000 Radial Head
-------------	----------	----------------------

PRODUCT SPECIFICATIONS

RADIATION DETECTION	Detector Type	2 each 5 cm (2")
	Diameter Sealed Proportional	(Ar/CO2) 80 kPa (600 Torr) fill pressure
GENERAL	Dimensions (HxWxD) Radial Sampling Head Size	26 x 14 x 19 cm
	Window	2 to 3 mg/cm2 , mica
	4π Efficiency	8.5% 60Co, 17% 90Sr/90Y (nominal)

CONTACT

AMERICAS

Charthouse Data Management LLC

11720 Amber Park Dr,
Ste 160 PMB 1047,
Alpharetta, GA 30009
+1 (678) 935 0104
support@charthouseusa.com

WORLDWIDE

Charthouse Data Management Ltd.

Unit A17, St Vincent House,
Admiralty Park, Station Rd,
Holton Heath, Poole, Dorset,
BH16 6HX, UK
+44 (1202) 031444
support@charthouse.co.uk

DISTRIBUTOR

Advetage Solutions

111 Penn Street, Suite 202
El Segundo, CA 90245
+1 (424) 292-8432
info@advetage.com