



# High Pressure Spherical Ionization Chamber Gamma

**Model – IC-512**

## Features

Couples With Models FIL-9DP1 and FIL-9DP2  
For Use In Environmental Monitoring Stations (RSS-131)

## General Specifications:

Maximum Diameter:	10.0 / 254.0 (inch/mm)
Maximum Length:	11.25 / 285.75 (inch/mm)
Effective Length:	9.76 / 247.9 (inch/mm)
Cathode Material:	Stainless Steel
Fill Gas:	Argon
Fill Pressure:	20,460 (Torr)
Anode Connector:	Pin
Cathode Connector:	N/A
Guard Connector:	Solder Lug.
Effective Volume:	8000 (cm <sup>3</sup> ).

## Operating Characteristics:

Maximum Operating Voltage:	(volts) 1000.
Operating Temperature:	Range (oC) -50 to +100.
Gamma Sensitivity:	2.7E-14 (A/R/Hr - Co60).
Resistance Signal Electrode:	to Shell (ohms) >1.0E13.
Resistance HV Electrode:	to Shell (ohms) >1.0E10.



## TECHNICAL ASSOCIATES OVERHOFF TECHNOLOGY

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