

PORTABLE ION CHAMBER COMPARISON

Model	Range	Decades	Chamber Volume	Variation From Mark V (MV)
<u>TBM-IC-MARK V</u>	0.1-10,000 mR/h	5	300 cc	300cc Utilizes essentially drift-free electrometer technology. NOTE: Most popular model. Fits in a brief case. Great stability
<u>TBM-IC-MV-R</u>	0.1-50,000 mR/h	5.5	450 cc	Rugged aluminum chamber. Up to 50R/h. NOTE: Rugged for use in power plants, industry, and military
<u>TBM-IC-AJI</u>	0.1-10,000 mR/h	5	800 cc	More stable below 2mR/h. NOTE: Best-in-Field for all medical users
<u>TBM-IC-LR</u>	0.01-1,000 mR/h	5	2,000 cc	Sees 10 times lower, 2 litre chamber. NOTE: Detects background levels in 10 sec
<u>TBM-IC-HLS</u>	0.1 mr/h-1,000 R/h	7	300 cc	Plus second range to 1,000 R/h. NOTE: This very wide range conforms to ANSI N42.33 Homeland Security Type 2
<u>TBM-IC-BW</u>	1 µR/h-10 R/h	5	300 cc	Built microprocessor, auto ranging, built-in data logger. NOTE: Down to 0.01 mR/h
<u>TBM-IC-XRAY</u>	0.1-10,000 mR/h	5	300 cc	Includes 10cm ² aperture sleeve NOTE: Complies with FDA regulation 21 CFR1020.40
<u>CP-MU-D1</u>	0.1-1,000 R/h	4	1 cc	60 foot cable, up to 10 ⁶ R/h NOTE: Allows for underwater monitoring to 1 million R/h
<u>CP-MU-D1000</u>	0.1-1,000 KR/h	4	1,000 cc	60 foot cable, up to 10 ³ R/h NOTE: Water-proof design allows for monitoring in both reactor and spent fuel pools
<u>CP-MU-7-D1 & D1000</u>	0.1-1,000,000 R/h	7	1 & 1,000 cc	System includes one electronics and two chambers NOTE: Unplug one detector and plug in the other to switch ranges



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