

Bayard Alpert gauge heads

MANUFACTURER: Balzers				CVC		
Model no.	IMR120	IMR124	IMR125	GIC015	GIC016	GIC017
Lower pressure limit (torr) (X-ray limit)	5×10^{-11}	5×10^{-11}	5×10^{-11}	10^{-10}	10^{-10}	10^{-10}
Sensitivity (torr ⁻¹) at mA	5 0.2-2	5 0.2-2	5 0.2-2	10 10	10 10	10 10
Upper pressure limit of measuring range (torr)	10^{-2}	10^{-2}	10^{-2}	10^{-3}	10^{-3}	10^{-3}
Electrodes construction						
Electron collector	Tungsten	Tungsten	Tungsten			
Filament	Thoria coated iridium	Thoria coated iridium	Thoria coated iridium			
Ion collector	Tungsten	Tungsten	Tungsten	Tungsten	Tungsten	Tungsten
Envelope	Nude	Nude	Nude			
Operating data						
Electron collector (V)	+160	+160	+160			
Filament current (A)	2-3	2-3	2-3			
Cathode voltage (V)	+35/45	+35/45	+35/45			
Ion collector potential	0	0	0			
Other electrode						
Vacuum connection	Flange, viton seal	Flange, gold seal	Flange, copper seal	12.7 mm o.d.	19.05 mm o.d.	25.4 mm o.d.