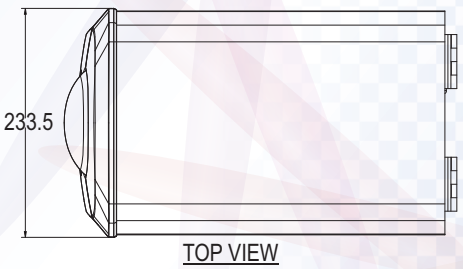
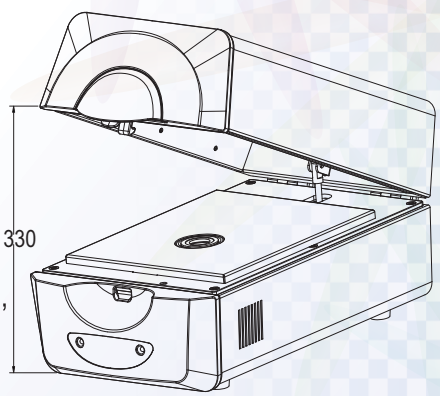
SILICON DRIFT DETECTORS CGX-103

SDD in place of Si-Pin Detector for enhanced performance & Detection (Spectral Resolution)



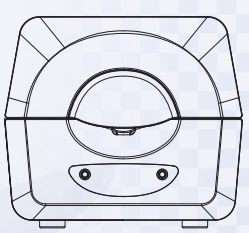
TOP VIEW

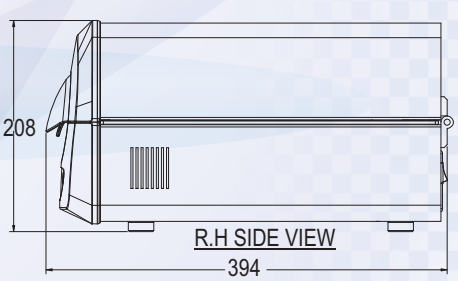
All specifications are same except the sensor which is Silicon Drift Detector



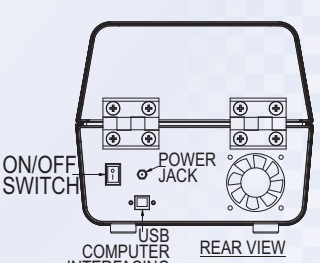
Specifications :

Detectable elements	: Titanium to Uranium
Measurement Results	: Iron (Fe), Cobalt (Co), Nickel (Ni), Copper (Cu), Zinc (Zn), Ruthenium (Ru), Rhodium (Rh), Palladium (Pd), Silver (Ag), Cadmium(Cd), Indium (In), Tin (Sn), Osmium (Os), Iridium (Ir), Platinum (Pt), Gold (Au) -all metals separately.
Accuracy of measurement	: The accuracy of measurement is better than Silicon-Pin Detector
Sensor	: Silicon Drift Detector is used in place of Silicon-Pin Diode Detector for enhanced performance & spectral resolutions.
Cooling for Detector	: Thermoelectric
Detection Range	: 0.1%-----99.99%
Testing Time	: 30-----200 secs
Test Spot Area	: 0.5mm
Power Supply	: 90-240 V AC, 50/60HZ
Power Rating	: 30 Watt
Working Temperature	: 15-25°C
Relative humidity	: <70%
Operation atmosphere	: Vibration free surface and air conditioned room
Interface for Computer	: Inbuilt (External Computer required)
Software for Operation	: Menu Driven User Friendly Operating System
Dimensions of Instrument	: Length : 335mm Width : 225mm Height : 210mm (with test compartment cover in closed position) & 330mm (in open position).
Dimensions of Sample Chamber	: Length : 235mm Width : 195mm Height : 80mm
Net Weight	: 12kg


FRONT VIEW



R.H SIDE VIEW



REAR VIEW

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