

Tender Document

**FOR PURCHASE OF CALIBRATION GASES FOR HORIBA AIR QUALITY
MONITORING SYSTEM (AQMS)
MOBILE, FIXED STATIONS AND PG-250**

I. Specification /Quantity for Calibration Gases for HORIBA Air Quality Monitoring System (AQMS) Mobile, Fixed Stations and PG-250

S#	Item & Description	Quantity
1	Primary Standard Gas Mix 19.00ppm Nitric Oxide 99.9981% Nitrogen Fill Pressure Valve: 150.00bar CGA330 Cylinder Size Gas Content: 10.00L Aluminium 1.50m3 Shelf Life Lead Time: 12 months m 30 WD	01
2	Primary Standard Gas Mix 9.00ppm Sulphur Dioxide 99.9991% Nitrogen Fill Pressure Valve: 150.00bar CGA330 Cylinder Size Gas Content: 10.00L Aluminium 1.50m3 Shelf Life Lead Time: 12 months m 30 WD	01
3	Primary Standard Gas Mix 1,900.00ppm Carbon Monoxide 99.81% Nitrogen Fill Pressure Valve: 150.00bar BS#4 Cylinder Size Gas Content: 10.00L Aluminium 1.50m3 Shelf Life Lead Time: 12 months m 15 WD	01
4	Primary Standard Gas Mix 900.00ppm Methane 20.90% Oxygen 79.01% Nitrogen Fill Pressure Valve: 150.00bar BS#4 Cylinder Size Gas Content: 10.00L Aluminium 1.50m3 Shelf Life Lead Time: 12 months m 15 WD	01
Calibration Gases required for HORIBA PC-250		
1	Mixture Components NITRIC OXIDE Concentration: 500 ppm m NITROGEN Concentration:99.95 % m, Filled in 5 litre aluminium cylinder at 0.69 Nm3. CGA 330 SS valve.	01
2	Mixture Components SULFUR DIOXIDE Concentration: 500 ppm m, NITROGEN Concentration:99.95 % m, Filled in 5 litre aluminium cylinder at 0.69 Nm3. CGA 330 SS valve.	01
3	Mixture Components CARBON MONOXIDE Concentration:500 ppm m, NITROGEN Concentration:99.95 % m, Filled in 5 litre aluminium cylinder at 0.69 Nm3. BS 4 brass valve.	01
4	Mixture Components CARBON DIOXIDE Concentration: 15 % m, NITROGEN Concentration: 85 % m, Filled in 5 litre steel cylinder at 0.743 Nm3. BS 3 brass valve. Pressure.	01
5	Nitrogen 99.9995% Filled in 5 litre steel cylinder at 0.75 Nm3. BS 3 brass valve.	01

