



COMPLETE ENVIRONMENTAL SOLUTIONS



Air, Sound, Water, Soil Pollution Monitoring Instruments Manufacturing, Sales, Servicing & Calibration

870FF, BLOCK-A, AFFORDABLE HOUSE, MU-II, GREATER NOIDA, GAUTAM BUDH NAGAR-201310, U.P., INDIA

+91-7840088951, +91-8130667557, +91-8585922660

cesindia@gmail.com,

cesindia1@gmail.com,

www.cesindia.co.in

GSTIN NO: 09EPS8978Q1ZY

PAN NO : EPSP58978Q

PRODUCT LIST

CMD 300C

AIR POLLUTION MONITORING INSTRUMENTS

- RESPIRABLE DUST SAMPLER (PM10)
- FINE PARTICULATE SAMPLER (PM2.5)
- COMBO SAMPLER (PM10+PM2.5)
- STACK SAMPLER
- HANDY DUST SAMPLER
- PERSONAL SAMPLER
- BENZENE SAMPLER
- LOW VOLUME SAMPLER
- GASEOUS POLLUTANT SAMPLER
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
- THERMO ELECTRICALLY COOLED GASEOUS ATTACHMENT
- SOUND LEVEL METER
- WEATHER MONITOR
- LUX METER • VIBRATION METER
- TOP LOADING CALIBRATOR
- FLOW CALIBRATOR
- TIME CALIBRATOR
- SOUND LEVEL CALIBRATOR

LAB INSTRUMENTS

- BIO SAFTY CABINET
- FUME HOOD
- BOD INCUBATOR
- COD DIGESTOR
- AUTO CLAVE
- BIOLOGICAL INCUBATOR
- HOT AIR OVEN • WATER BATH
- HUMIDITY CHAMBER
- HOT PLATE
- DISTILLATION UNIT
- HEATING MENTLE
- KJELDAL ASSEMBLY
- DEEP FRIZZER
- PH METER



Feature

Electrochemical sensor element
 4-20 mA output
 Overload protected
 Wide supply voltage range (18-28 Vdc)
 Reverse polarity protected

Technical data

Sensor element	Electrochemical, diffusion
Output	4-20 mA, load < 500-ohm, overload and short circuit proofed
Power supply	18-28 Vdc, (reverse polarity protected) Power consumption 22 mA, max. (0.6 VA) Stability and resolution +/- 3 ppm
Repeatability	+/- 3% of reading Long term output drift < 5% signal loss/year Response time t90 < 50 seconds
Sensor life expectancy	5 years, normal operation environment
Sensor coverage	465 m2 to 930 m2 ("ideal conditions "assumed)
Mounting height	1.5 to 1.8 m above floor
Humidity range	
Continuous:	15 to 90% non-condensing
Short time:	0 to 99% non-condensing

- TDS METER
- CONDUCTIVITY METER
- SPECTROPHOMETR
- WEIGHING BALANCE
- MOISTURE ANALYZER
- DIGITAL ULTRASONIC CLEANER
- DO METER
- GRADIENT THERMAL CYCLEAR PCR
- ICE FLAKER
- ICE MAKER
- PROBE SONICATOR
- DIGITAL VISCOMETER
- DIGITAL PRESSURE INDICATOR
- LON SELECTIVE ELECTRODES
- POLARIMETERS
- VISCOMETERS
- PROBE SONICATOR-TOUCHSCREEN
- LON WITH PH METER-5 POINTS
- PH ELECTRODES
- MULTI PARAMETER / DO METER
- REFRACTO METERS
- GRADIENT THERMAL CYCLER
- ULTRASONIC CLEANERS
- CERAMIC HOTPLATE MAGNETIC STIRRER
- DIGITAL PIPETTES
- REFRIGERATED CIRCULATING BATH
- DIGITAL WATER BATH
- ANALOG MULTIMETER
- DIGITAL MULTIMETER
- BENCH TYPE TRUE RMS DIGITAL MULTIMETER
- AC CLAMP METER
- AC/DC CLAMP METER
- POWER CLAMP METER
- AC LEAKAGE CURRENT TESTER
- EARTH LEAKAGE
- INSULATION RESISTANCE TESTER
- PHASE ROTATION METER
- VOLTAGE DETECTOR
- DIGITAL CAPACITANCE METER
- DIGITAL LCR METER
- DIGITAL MILLIOHM METER
- LUX METER

Temperature range

Continuous: -10 to +50°C

Short time: -20 to +50°C Storage temperature
+5 to +50°C Pressure range Atmospheric ± 10%

Enclosure Plastic with M20 cable entry

Dimensions H155 x W90 x D65 mm

Weight 200 g

Protection IP 56 for housing
IP 55 for CO sensor element

CE-approval EN 45544 part 1 to part 4

Continuous monitoring

Low zero-point drift

Positioning stable

Long life sensor

Modular plug-in technology

Standard ppm range is 0-300 ppm

On request at minimum 10 pcs 0-50 ppm

0-100 ppm

0-150 ppm

0-200 ppm

0-400 ppm

0-500 ppm

Ordering

Carbon Monoxide gas detector 4-20 mA output

Type no.	ppm range
CMD 300C	0 - 300 ppm
CMD 050C	0 - 50 ppm
CMD 100C	0 - 100 ppm
CMD 150C	0 - 150 ppm
CMD 200C	0 - 200 ppm
CMD 400C	0 - 400 ppm
CMD 500C	0 - 500 ppm

The recommended storage life is up to 6 months unpowered, therefore we have normally small stock of CMD 300C, CMD 050C, CMD 100C, CMD 150C, CMD 200C, CMD 400C and CMD 500C are manufactured after order at minimum 10 pcs per each unit.

Description

Analog CO- gas transmitter for the detection of carbon monoxide (CO) in the ambient air.

Application

For the detection of carbon monoxide (CO) within a wide range of commercial applications such as vehicle exhaust in parking structures (e.g. underground garages), engine repair shops, tunnels, equipment rooms and ventilation systems etc. Due to the 4-20 mA analog signal the CO -transmitter is compatible to any electronic analog control, DDC/PLC control or automation system.

Wiring

Do not use Do not use Do not use 4-20 mA

24 Vdc

Do not use Do not use

Wire connection on screw terminal min 0.25 mm² and max 2.5 mm²

Wire distance: Max. loop resist. 500 ohms

(= wire resistor + controller input resistor).

Contact Us

R.P. SINGH -7840088951

Email-cesindia1@gmail.com, cesindia@ymail.com

<http://www.cesindia.co.in>

Purifying your tomorrow