

PROCESS OZONE ANALYZERS



OZCN-20 Series

\$3780

Basic System

- ✓ Rugged, Splash-Proof Case for Panel or Wall Mounting
- ✓ Dual On/Off Relay
- ✓ Optional 4-20 mA Output Signal
- ✓ 0-5 ppm Measuring Range

The OZCN-23 state-of-the-art process ozone analyzer features a dual on-off control relay, optional 4-20 mA output that is proportional to the measured value, and a digital LCD display. This instrument provides accurate measurements of ozone concentration in processes where this parameter is critical.

The OZCN-23 analyzer is housed in a splash-proof, gasketed Noryl case that can be either wall- or panel-mounted. The ozone amperometric sensor is contained in a rugged PVC body that includes a PFA polarographic membrane. The membrane is easily unscrewed and replaced. The complete analyzer system consists of the OZCN-23 analyzer, ozone sensor, sensor holder, mounting hardware, and interconnecting cable. (Each component must be ordered separately.)

GENERAL SPECIFICATIONS

Range: 0-5 ppm

Accuracy: ±0.2% of reading

Optional Output Signal: 4-20 mA

Alarm Relays: Total of two relays rated 3 Amps, 250 V

Power: 110 Vac, 60 Hz, 230 Vac optional

Enclosure Dimensions:

146 H x 178 W x 127 mm D (5³/₈ x 7 x 5")

Weight: 1.6 kg (3.5 lb)

SENSOR/PROCESS CHAMBER

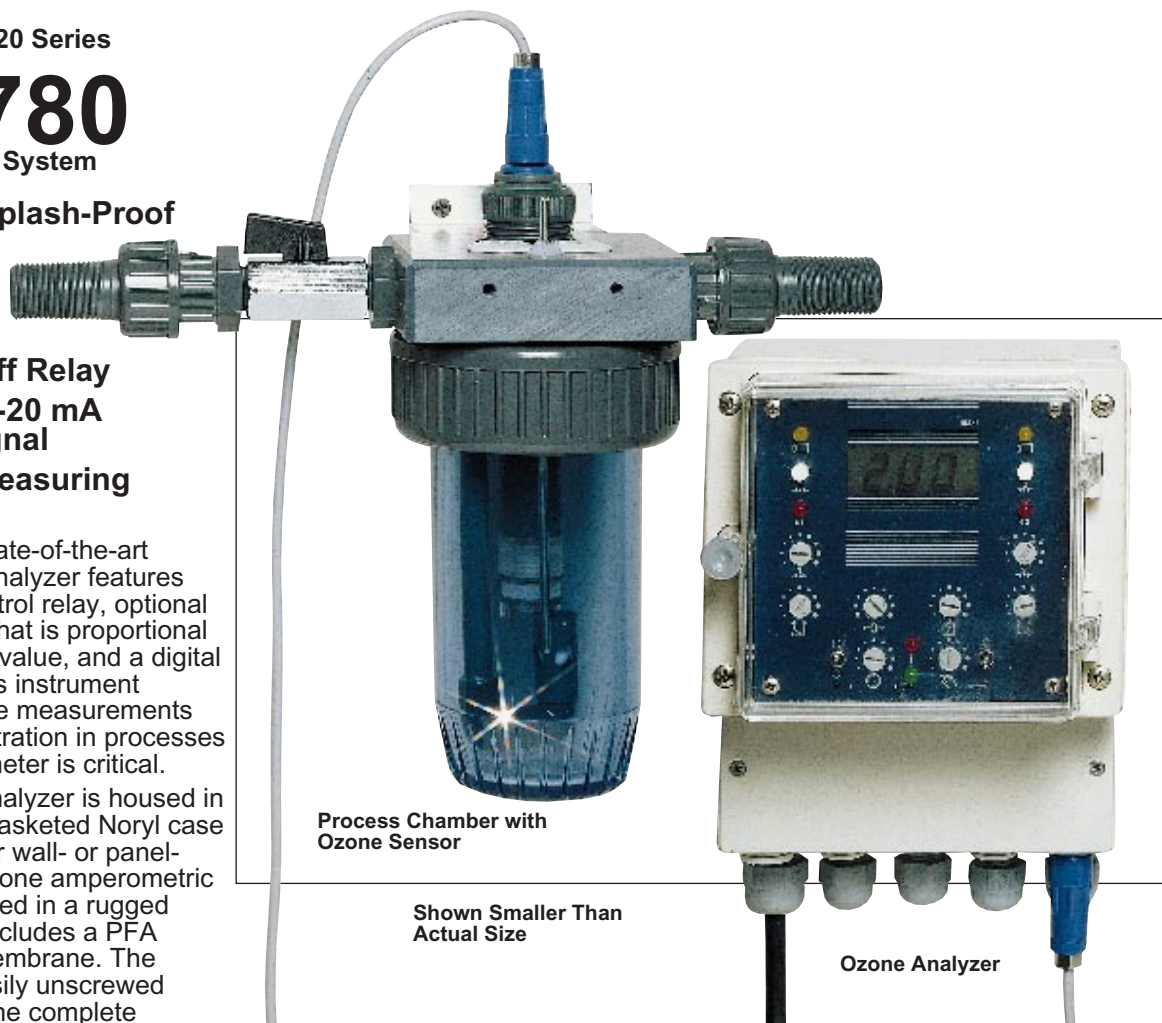
Principle of Operation: Amperometric, using PFA polarographic membrane

Operating Temperature:
0 to 40°C (32 to 104°F)

Operating Pressure: Atmospheric

Process Connections: 1/2" MNPT

Maximum Cable Length (sensor-controller): 9 m (30 ft)



To Order (Specify Model Number)

Model No.	Price	Description
OZCN-23	\$1006	Ozone analyzer (does not include sensor)
OZCN-23-R	1155	Ozone analyzer with 4-20 mA output (does not include sensor)
OZE-23	1815	Ozone sensor

For 230 Vac operation, add "-230" to model number; add \$50 to price.

Installation Accessories

Model No.	Price	Description
CLE-DLG	\$626	Process chamber (probe holder)
CLE-FTN	50	Sensor mounting hardware
CLE-CB6	283	Interconnecting cable, 1.8 m (6 ft)
CLE-CB15	294	Interconnecting cable, 4.5 (15 ft)
CLE-CB30	316	Interconnecting cable, 9 m (30 ft)

Consumables

Model No.	Price	Description
OZE-23E	\$95	Ozone sensor electrolyte (100 mL)

For 230 Vac operation, add suffix "-230" to analyzer model number; add \$50 to price.

Ordering Example: OZCN-23, ozone analyzer, and OZE-23 ozone sensor, and CLE-DLG, process chamber, and CLE-FTN, mounting hardware, and CLE-CB6 6 ft interconnecting cable, \$1006 + 1815 + 626 + 50 + 283 = \$3780.



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