

HydroDOS

NEON Gas Warning System

Type: NEON – Light, Horn & Beacon

The HydroDOS NEON Gas Warning System

The NEON® gas alarm is responsible for monitoring of the level of chlorine dioxide gas in the atmosphere near the chemical storage or chlorine dioxide generation and dosing equipment.

NEON® gas alarm offers high quality and long-term reliability.

With its modular design, the Neon® gas warning instrument can be tailored to your site-specific application as required.

This package is supplied with a NEON Gas in air analyser, a horn, distribution controller board with red fault LED and an additional light beacon that can be installed in a prominent location



Features:

- Easy to Navigate Touch screen
- Alarm relays for BMS connections
- Option for simultaneous monitoring of two different gases
- Eco mode for energy optimisation

Installation Notes

- The control panel shall be mounted at eye level and immediately visible upon entrance to the location of installation of the ClO₂ generator
- The sensor shall be positioned 30cm from the ground and 2m from the ClO₂ generator and ideally away from vents, louvres, etc.
- A single phase 240V mains connection should be provided to the controller
- Technical data and technical guidelines should be followed per the O&M manual and local regulations.

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NEON Gas Alarm

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ITEM	RATING
Chlorine Dioxide gas measuring range	0 - 1.00ppm
Chlorine gas measuring range	0 - 10.00 ppm
Ozone gas measuring range	0 - 1.00ppm
Display	2 x measured value
Operation	Touch screen
Measurement	2 selectable inputs for gas sensors: Chlorine, Chlorine dioxide and / or Ozone display in ppm
Contact rating	3 relays, potential-free N/O contacts, max. 250V, 6A, 550VA
Power Supply	85.. 250V AC, +6/-10%, 40..60Hz Option: 24V DC
Power Consumption	10 VA
Operation Temperature	0 – 50°C
Optional Extra software add-ons and hardware modules	Up to two analogue outputs A data log function that stores data on SD card Modbus RTU interface
Replaceable sensors	Mounting brackets and long sensor cable to facilitate sensor positioning. To be replaced every 12 months; available from Hydrotec.

Scope of Supply

(premounted on polycarbonate backboard)



NEON Gas Alarm



**Controller and
Fault Light**



Signal Horn*



Flashing Beacon*

*Product Supplied May Vary

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www.hydrotec.co.uk

Last change 2/24. Subject to technical modification.