Krypton Neon DIS Installation and Set Up Guide

Key

1 – Neon DIS Instrument

2 – Argon Stabiflow

3 – FTG Temperature Cable

4 - Disinfection Cable

5 – Flow Cell Chamber for Disinfection Sensor

6 – Water Inflow Valve

7 – Water Outflow Valve

8 – Water Sampling Reference Valve

9 – Mounting Board

Cleaning Sensor

IMPORTANT: Sensor must be cleaned by hand before being inserted into the chamber!

How to clean DIS sensor:

- Remove sensor from assembly and cable
- Wipe off any pollution with paper tissue, rinse with water
- Clean metal bands with powder detergent (ex. Comet), wipe gently
- Rinse with water and reinstall

Calibrating Sensor

DIS Sensor

1. **IMPORTANT:** *Clean sensor before proceeding with calibration!*
2. Using water sample taken from Sampling Reference Valve, perform DPD test
3. Menu > Cal > Cal DIS > enter DPD reference value > Ok > Save

General Steps

1. Mount the system upright on the wall
2. **Insert clean sensor**

Insert Disinfection sensor into the Flow Cell Chamber (5) and screw on the Disinfection Cable

3. Power on system
4. **Check flow**
5. **Calibrate sensor**
6. If needed, set user specific settings – see operations manual
   a. ASR
   b. 4 – 20 mA
   c. Relay Alarms

Power Requirements

System comes with US power cord

Line Voltage:
85-265 V AC, 50-60 Hz

Power Requirements:
10 VA

Check Your Flow

Make sure the Water Sampling Reference Valve is in the closed position.

System needs proper flow to operate. "Digital input 1 – no water" will show on display screen if flow is not strong enough.

Flow minimum: 5 psi   Flow maximum: 87 psi

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Spare Parts List		
Sensors		
Part Number	***Name***	***Description***
S24135140K	Zirkon® DIS	Sensor: 2 gold rings, ceramic junction, Tepox gel, M12 plug (swivel PG 13.5), for Free Chlorine, Chlorine dioxide, and Ozone
24137001K	Zirkon® FTG	Flow monitor, temperature sensor and ground for Argon Stabiflow
Cables		
Part Number	***Name***	***Description***
44136406K	5SCR-M12-AE-1.0	Connection cable for disinfection sensor; Type of cable: 5-core, 5 x 0.25 Somme, screen; Cable length: 0.8m; Type of plug: M12 (female, other end with wire sleeves; Temperature range: -20…+70C
Rebuild Kits		
To see exploded view of Argon Stabiflow, open manual to section 20.3.3 Operations and Maintenance		
Part Number	***Name***	***Description***
39500005K	Argon® Connection pkg	Inlet, outlet and sample cock 3x ball valve 1/4" 2x hose attachment 1/4" 6/8 1x hose barb 1/4" 3x O-ring 6x3 FKM 3x O-ring 11x3 FKM
39500006K	Argon® spare parts pkg 1	Membrane springs and valve pin, 1 membrane, 1 spring pressure side, 1 spring chamber side, 1 valve pin
39500007K	Argon® spare parts pkg 2	Filter 5x stainless Steel 500um filter 5x o-ring FKM 26x1.5
39500008K	Argon® spare parts pkg 3	1x o-ring FKM 12x2; 1x o-ring FKM 73x2 1x o-ring FKM 19x2,5; 1x o-ring FKM 7,6x2,4 1x o-ring FKM 26x2; 1x o-ring FKM 26x1,5 1x o-ring FKM 108x3; 3x o-ring FKM 11x3 1x o-ring FKM 5x1,8; 3x o-ring FKM 6x3
39500011K	Argon® spare parts pkg 4	Spare parts inflow; 1x hex spud; 2x O-ring 26x2; 1x O-ring 5x1.8; 1x filter support; 1x ball

Step-by-Step Equipment Set Up Instructions

Scan the QR code with your mobile phone camera and click to open the web page.

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