

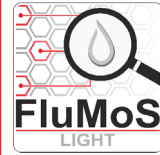
Starter Kit #3 - *HY-TRAX*® IoT Package IoT & Electronic Integration

IoT

Features and Benefits

- The HY-TRAX® provides visibility and vital information necessary to pro-actively schedule preventative maintenance on local and remote equipment
- Advanced solutions that allow the sampling, analysis, communication and presentation of fluid cleanliness data within a wide range of hydraulic and fluid applications
- Wireless transmission and visualization of the measured values via W-LAN and FluMoS / FluMoS mobile
- Storage of the measured data directly on the CSI-C-11 (data logger)
- Integrated variable speed motor driver pump

- Compatible with:



IoT Kits

CS1000

CS1939

HY

CSM-E

FCU

Total Fluid Life

Total Fluid Health

MCS

EY-1356

AS1000

AS3000

HLB 1400

EDS 3400

EDS 8000

HDA 4300

Description

Part of the Schroeder Industries 2030 Initiative

The Starter Kit #3 allows users to analyze and transfer independent, continuous offline condition monitoring data in real time using WiFi and the FluMoS Android™ Application or on the CSI-C-11 web server via LAN connection. This plug-and-play starter kit is easily integrated into higher control networks such as PLCs, supervisory control and data acquisition (SCADA) platforms, and distribution control systems.

HYHMPL

- Measures particle contamination per ISO 4406: 1999 and SAE 4059(D)
- Manifold mounted with integrated variable speed motor driven pump, pressure-compensated flow control valve, pressure gauge, suction strainer and aeration suppression loop
- Manually controlled motor speed via control panel

CSI-C-11-0-0-0/000

Contamination Sensor Interface Module

- Acquire, transfer and manage measurement data from CS1220 and AS1008 sensors

AS1008 AquaSensor

- Measures fluid temperature and relative water content as percent saturation (no display)

72" Hydraulic Hoses

- with NPT connections for suction line and JIC connections for discharge line

ZBE-45-08 Ethernet Patch Cable

- 5 meter, M12x1 (4-pole) x RJ45

Sensor Cable

- One M12x1, meter sensor cable (one (1) 5-pole with flying lead)

PS5 Power Supply

- 115V AC / 24V DC

In The Kits

Minimum Inlet Pressure From 0 psi (pressureless) - 100 psi reservoirs

Minimum Flow Rate 0.03-0.07 gpm (100-250 mL/min)

Permissible Viscosity Range 32-4,635 SUS (1-1,000 cSt)

Permissible Fluid Temperature 32-185°F (0-85°C)

Permissible Fluid Type Mineral-based oils [C/F for other fluid compatibility]

Mounting Configuration Vertical orientation with direction of flow South-to-North through manifold

System Requirements

How to Build a Valid Model Number for a Local Data Display Starter Kit #3:

Example: NOTE: One option per box

BOX 1 BOX 2 BOX 3
HYTRAX - IIoT - CSI-C = HYTRAX-IIoT-CSI-C

BOX 1

Starter Kit

HYTRAX

BOX 2

Starter Kit

IIoT

BOX 3

Starter Kit

CSI-C

Model Selection