



ELS Oil Flow Monitoring Panel



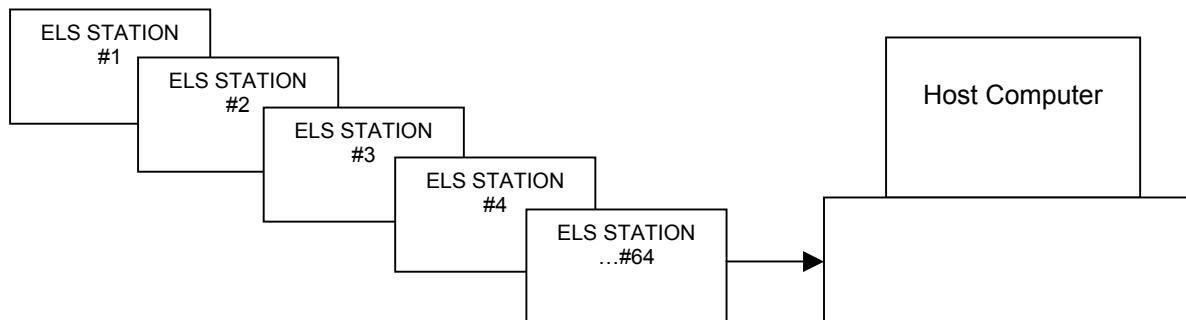
The Esko OVAL GEAR system is a complete measurement and monitoring system for oil lubrication.

Features

- Monitors up to 64 oval gear flow meters
- Highly visible color touch screen display
- Easy to use touch screen for selecting user set limits
- Robust stainless steel cabinet
- Designed for demanding paper industry applications
- Remote monitoring available to PC, DCS or PLC
- Collects field measurements and transmits them to a central monitoring station PC via RS-485 connection

*User-friendly
Touch screen
display*

*Clear, bright easy-to-read
Color touch screen*



- Each station can have up to 64 oval gear flow monitoring points
- Up to 64 stations can be connected to the host computer, making the maximum system capacity over 4000 flow monitoring points
- The ESKO LUBE MONITORING software in the HOST COMPUTER stores the flow values for all points for all time. This means that you can have total historical trending of ALL flow points set limits



ELS Oil Flow Monitoring Station

Order Guide

ELS		
	16	Up to 16 inputs
	32	Up to 32 inputs
	48	Up to 48 inputs
	64	Up to 64 inputs

Technical specifications

Pulse Inputs	64 max: open collector proximity sensors
Analog Input (optional)	4...20 mA or 2-10 V DC (1 only, specify at time of ordering)
Serial Port	Selectable RS-422/485 or RS232 RS-422/485 opto-isolated (max. transmission distance 4000 feet (1200 m)) or RS-232 (max. transmission distance 20 feet (4 m)) Baud rate 9600, 8 data bits, 1 stop bit, no parity
Alarm outputs	8 potential free gold-plated dry contacts Voltage: 150 V max. Current: 1.25A Loading: 50 VA, 3W max.
Supply voltage	85 to 264 VAC, 25W AC-Line Fuse 2A, fast
Display	5.5" color touch screen (320 X 240 resolution) OPTIONAL 8", 10" or 12" available
Temperature	+50...+140°F (+10...+60°C)
Relative humidity	20...80 %
Maximum Vibration	< ± 20 m/s ² < 2 g
Classification	IP 65
Enclosure material	AISI 316
Dimensions	18" width x 15" height x 4" depth
Weight	Approx. 11 lbs. (5 kg)

Manufacturer

ESKO INDUSTRIES LIMITED

Canada: 3480 Gardner Court, Burnaby, B.C. V5G 3K4

USA: PO Box 5547, Bellingham WA 98227-5547

1-800-665-3756 (ESKO) Fax (604) 294-3727

Email: info@eskoindustries.com www.eskoindustries.com

Distributor