

# esko ELS Oil Flow Monitoring Station

*The Esko Oil Flow Monitoring Station uses state of the art TOUCH SCREEN technology for monitoring oil lubrication.*

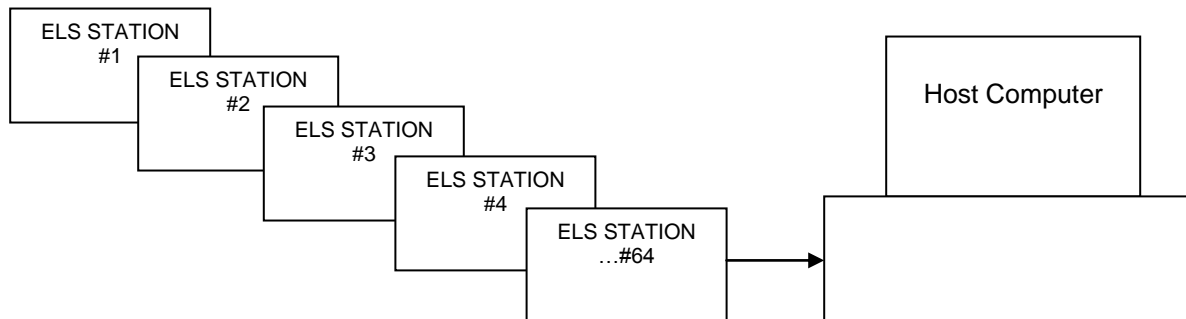


*User-friendly  
Touch screen display*

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

## 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



- 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 System

Technical specifications	
<b>Pulse Inputs</b>	64 max: open collector proximity sensors
<b>Analog Input (optional)</b>	4..20 mA or 2-10 V DC (1 only, specify at time of ordering)
<b>Serial Port</b>	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
<b>Alarm outputs</b>	8 potential free gold-plated dry contacts Voltage: 150 V max. Current: 1.25A Loading: 50 VA, 3W max.
<b>Supply voltage</b>	85 to 264 VAC, 25W AC-Line Fuse 2A, fast
<b>Display</b>	5.5" color touch screen (320 X 240 resolution)
<b>Temperature</b>	+50...+120°F (+10...+50°C)
<b>Relative humidity</b>	20...80 %
<b>Maximum Vibration</b>	$< \pm 20 \text{ m/s}^2 < 2 \text{ g}$
<b>Classification</b>	IP 65
<b>Enclosure material</b>	AISI 316
<b>Dimensions</b>	18" width x 15" height x 4" depth
<b>Weight</b>	Approx. 11 lbs. (5 kg)

## Order Guide

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

Manufacturer

Distributor

**esko** PACIFIC SALES LTD.

Canada: 3480 Gardner Court, Burnaby, BC V5G 3K4

USA: PO Box 5547, Bellingham WA 98227-5547

Toll free: 1-800-665-3756 (ESKO)

Fax: 604-294-3727

Email: [info@eskopacific.com](mailto:info@eskopacific.com)

Internet: [www.eskopacific.com](http://www.eskopacific.com)