

# Type 370 Torque Speed Power Indicator

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## Type 370 Torque Speed Power Indicator

### DESCRIPTION

Type 370 Torque Speed and Power Indicator provides three separate clear digital LED display readouts to measure torque, speed and power. The readout displays are factory set in metric or imperial units.

The Indicator has a simple set-up menu operated from its keypad with clearly displayed prompts and a Peak Hold Facility. With dual function RS232 port the main port allows full communication with the display for both set-up and downloading data to other systems, the second port provides an output to a serial printer. The analogue output (torque) is 0-10Vdc and 4-20mA.

The Indicator is housed in a heavy duty steel enclosure with tilting feet and a carry handle.



### TYPE 370 CONNECTIONS

Transducer	7 way 'din style' connector
Trips	6 way 'din style' connector
RS232	9 pin D type connector
Printer	9 pin D type connector
Analogue Output	3 way 'din style' connector
Speed Sensor	3 pin socket/plug supplied

### SPECIFICATION

Torque Transducer Input	4 or 6 wire to a full bridge torque transducer with a bridge resistance 120-1200 ohms or Serial Link from Series 420
Speed Input	NPN O/C Opto Sensor 1 pulse per rev
Torque Display	5 digits plus units (Nm)
Speed Display	5 digits plus units (RPM)
Power Display	5 digits plus units (Kw)
Display Resolution	1:100,000 (0-99,999 display)
Peak Hold Accuracy	1% f.s.d
Peak Hold Time Resolution	<1/0 Seconds
Trips	2 independent change-over contacts rated to 1A at 24VDC operate on Torque Data
Serial Output	RS232
Analogue Output (Torque)	0-10V dc and 4-20mA
Operational Temperature Range	0 to 50 degree centigrade
Storage Temperature Range	-20 to +80 degree centigrade
Environmental	IP65
Calibration	Zero push button to memory. Full scale as mV/V via Menu
Power Supply	110/240V mains ~ operational 15V Input
Printer Output	RS232 (as factory fitted option)
Enclosure	Heavy Duty steel enclosure for desktop use with tilting feet and carry handles