



WEBTEC

WEBTEC PRODUCTS LIMITED

***A Portable Hydraulic
Data Logger to suit a
variety of applications***

***To Display, Datalog, Store
and Print Tests***



***Another quality product from
the Webster range***

MC104 Data Logger

An invaluable tool

Customers tell us that Webster portable hydraulic data loggers help . . .

- Pinpoint hydraulic faults fast
- Ensure problems are correctly identified and only necessary parts are replaced
- Provide a record of system status for preventative maintenance and warranty claims
- Re-test a machine after repair

As a result customers have reduced machine downtime and saved money on labour and replacement parts.

Working with our customers

The MC104 has been designed in conjunction with a major mobile equipment manufacturer and is used by service engineers to fault-find machinery in the field.

The film strip below shows a typical application for the MC104

1. The hydraulic pump appears to be giving problems, the MC104 is brought in and the sensors are connected
2. A quick profile log is set to trigger on pressure over 250 bar and to log every 1 ms
3. The machine is operated
4. The test is triggered and results are logged
5. The data is inspected on screen and necessary adjustments made
6. The quick profile log is repeated
7. The fault has been identified and fixed, a graph is printed out to show the user

every picture tells a story. . .

A versatile hy

A portable hydraulic data logger that simultaneously measure 4 pressures, 2 flows/speeds and 2 temperatures, designed to display, datalog, store and print results while in the field.

A unique product

Unlike many other data loggers on the market the MC104 is designed specifically for the hydraulics engineer. Based on the tried and tested MC100 design, the MC104 has evolved as a result of continuous customer feedback.

Clear display

The high contrast LCD is easy to view from all angles and can show either all 8 inputs or 4 peak pressures*, 2 differential pressures*, 2 power outputs. The user can choose from all common engineering units.

Battery powered

The MC104 can be charged direct from the mains as it has a built-in power supply and rechargeable battery offering at least 6 hours continuous use.

Menu driven

Fast to set-up and use, all options on the MC104 are quick to configure just scroll and select using the menu driven display with on-screen prompts.

Five data logging modes

Whether your application requires continuous monitoring or a rapid response the MC104 has a mode to suit. It can detect pressure spikes that last less than 1 ms or take continuous readings from all 8 channels log results up to 300 seconds apart or take a reading when you press a key. You can also test online to your PC or laptop and graphically display the results.

Built to last

Designed to withstand the knocks and scrapes of a service environment the MC104 is built around a machined aluminium casting and fully CE approved.



Hydraulic test system. . .

at can

Communicate with a PC or Laptop

Simple to connect to a PC or laptop via the RS232 port. PC software is available to allow further analysis and to export results into all common spreadsheet packages.



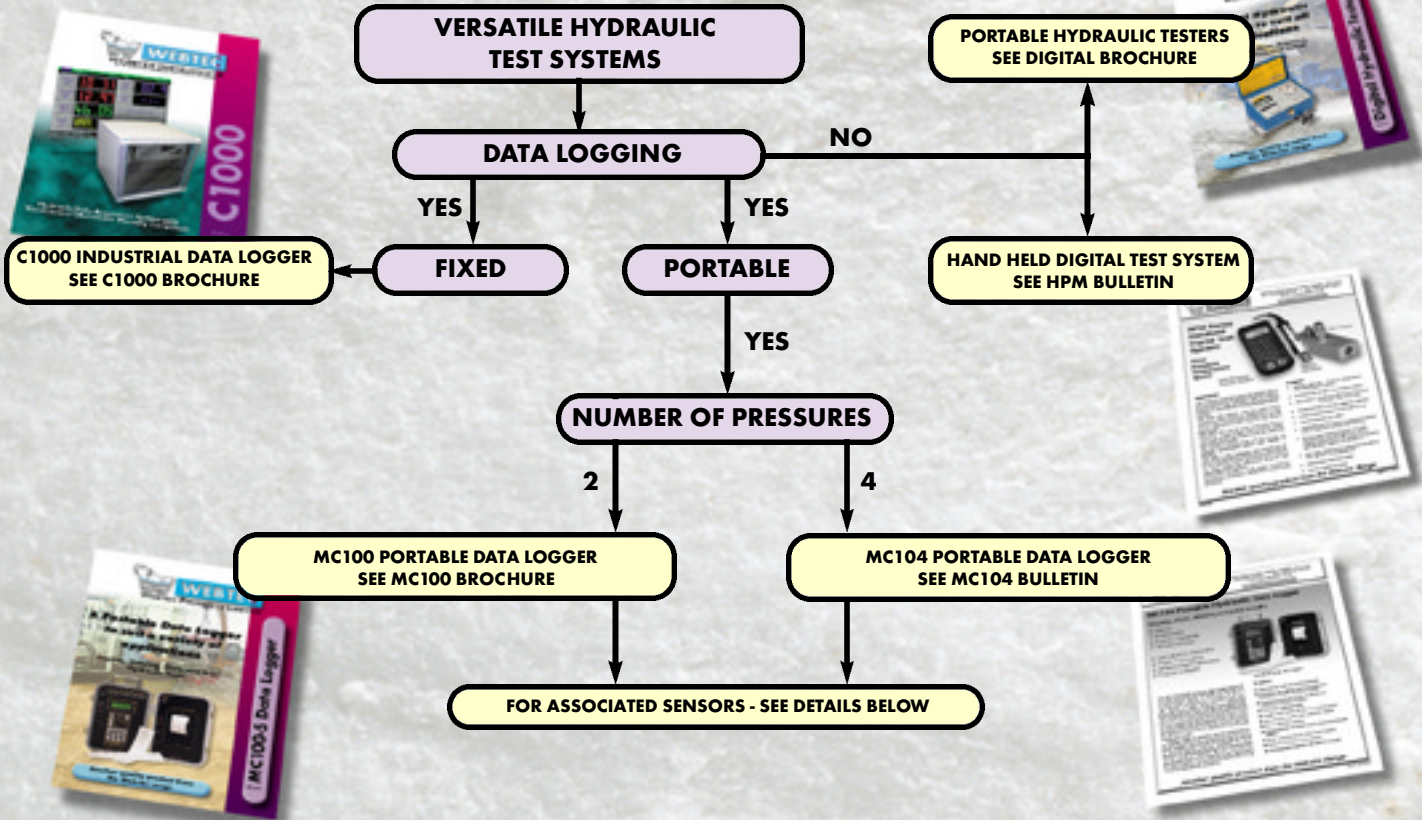
Print results

While in the field print results using the optional MP100, ideal for data values or graphs.

*By scrolling



Product Selector



MC104 COMPATIBLE SENSORS AND ACCESSORIES

PHOTO-TACHOMETER



TH 1A to check shaft rpm.

LPT SERIES PRESSURE TRANSDUCERS



Model	Pressure
LPT 40	40 bar
LPT 100	100 bar
LPT 250	250 bar
LPT 400	400 bar
LPT 600	600 bar

BI-DIRECTIONAL FLOW METERS WITHOUT LOAD VALVE



(temp. output is included with all these flow meters)

LT 5	0.1 - 5 lpm
LT 10	0.2 - 10 lpm
LT 20	0.3 - 20 lpm
LT 50	2 - 50 lpm
LT 125	4 - 125 lpm
LT 250	10 - 250 lpm
LT 400	15 - 400 lpm
LT 500	20 - 500 lpm
LT 750	25 - 800 lpm

BI-DIRECTIONAL FLOW METERS WITH LOAD VALVE



(temp. output is included with all these flow meters)

LT 250R	10 - 300 lpm
LT 400R	15 - 400 lpm
LT 750R	25 - 800 lpm

Compatible with flow meters fitted with powered transducers

Order separate load valve HV100 for flow meters LT5 to LT125.

CABLES: 20' (6m) long

Flow/Temperature	FT 8525
Pressure	FT 7951
RS232	FT 7952

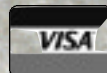
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