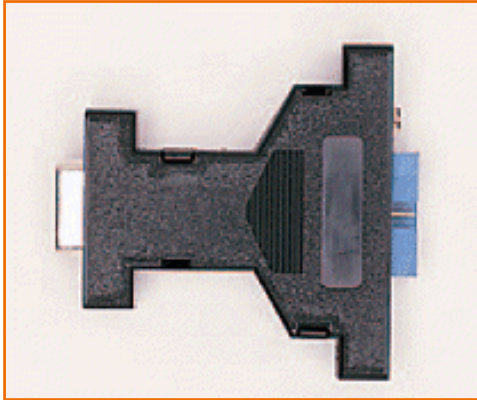


# Dataputer 1CHM Multiplexer



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## At a glance

- Handy tool for converting Mitutoyo® type Digimatic signal to the RS232.
- Powered by the PC, no external power supply is required.

## Dataputer 1CHM Multiplexer

This simple Multiplexer is really a converter - converting the Mitutoyo® Type Digimatic signal into RS232, thus allowing you to connect Digimatic equipment directly into a PC.

By installing the DATA-XL™ Software you can quickly link your gauge into Microsoft® Excel. Alternatively, you can connect your gauge into an SPC software program such as Dataputer Datastat allowing fast and accurate data entry for further analysis.

The Dataputer 1CHM Multiplexer does not need an external power supply, it is powered by the PC.



## Gauge Multiplexers

Industry is striving for increasing levels of quality. The time spent controlling and monitoring this can be greatly speeded up by every electronic gauge (scales, callipers, thickness gauges, profile gauges, etc.) which has a data output to a computer.

Many gauges, however cannot simply link to the back of the computer. Either they have the wrong connection, or there is no free connection point (port) on the PC.

Elcometer's range of multiplexers allows most gauges to link to the PC. They also allow a number of different gauges to share the same computer port and enable analogue gauges to be connected to the PC.

There are essentially three types of connector in use today:

## Digimatic

Seen on Mitutoyo® Manufactured gauges, these have 2 rows of 5 connectors. The signal must pass through a multiplexer or converter to allow them to connect to the computer.

## RS232

The RS232 9 pin 'D' connector (2 rows, 1 x 5pin and 1 x 4 pin), until recently, was the standard method for connecting equipment to the computer.

## USB

Standing for Uniform Serial Bus, this is appearing more and more in the marketplace. On many laptop computers is the only port. Elcometer Multiplexers can be linked to this port using a RS232 / USB connecting cable.

<b>Dimensions</b>	57 x 54 x 16mm (2.24 x 2.13 x 0.63")
<b>Weight</b>	22g (0.05lb)
<b>Output Protocol</b>	RS232 1200 Baud, 8 Data Bits, No Parity, 1 Stop Bit
<b>Connectors</b>	1 x Digimatic Input
<b>PC Connection</b>	RS232 socket to connect to PC
<b>External Data Trigger</b>	2.5mm jack socket for footswitch
<b>Power Supply</b>	Self-Powered by PC or Data Collector

Model	Description	Part Number
Dataputer 1CHM	Dataputer 1CHM Multiplexer	M001CHM
Accessories	DATA-XL™ Software	M500DXL
	RS232 - PC Lead	T99915777
	RS232 - USB Transfer Lead	T99916716
	Foot Switch	Q3007846-