



VIBRATING WIRE READOUT.

GT1174 -3 Vibrating Wire readout is the latest development in the well proven series of GT1174 readouts. It is designed to operate with the entire range of Gage Technique's vibrating wire transducers as well as vibrating wire transducers from other manufacturers. More than 500 units have been sold worldwide, some are now over twenty years old and still in regular use.

GT1174 -3 Vibrating Wire readout is smaller than its predecessors and is housed in a plastic case. It is supplied with nylon, weatherproof carrying case and a set of connecting leads. It is a plucked pulse device and the general specification is unchanged from the previous models.

Much of the original circuitry has been retained. However, individual components have been replaced with smaller, higher specification equivalents, reducing the overall size.

GT1174 -3 Vibrating Wire readout retains the accurate quartz crystal oscillator of previous models to generate the controlled pluck pulse necessary to energise the coil of the transducer that is connected. The crystal quartz oscillator also provides a precise time base for the measurement of the period of vibration of the wire. The liquid crystal display shows the time in seconds for 100 cycles of vibration.



TECHNICAL SPECIFICATION

Product and Type Number :	GT1174-3 Vibrating Wire Readout
Case Material :	Black ABS plastic
Overall Size :	100mm x 180mm x 44mm
Weight (Approx.) :	0.5kg (including accessories)
Pluck Voltage :	14 vdc or 21 vdc, switchable
Output :	Period
Display :	Large 6 digit LCD
Input Terminals :	Two standard 4mm banana sockets
Operating Temperature Range :	-10°C to +70°C
Power Requirements :	Two PP3 Alkaline Batteries
Battery Life (continuous) :	40 hours (speaker off) 5 hours (speaker on)
Other Features and Accessories :	Audio Output Loudspeaker Connecting lead with Crocodile Clips Nylon Carrying Case