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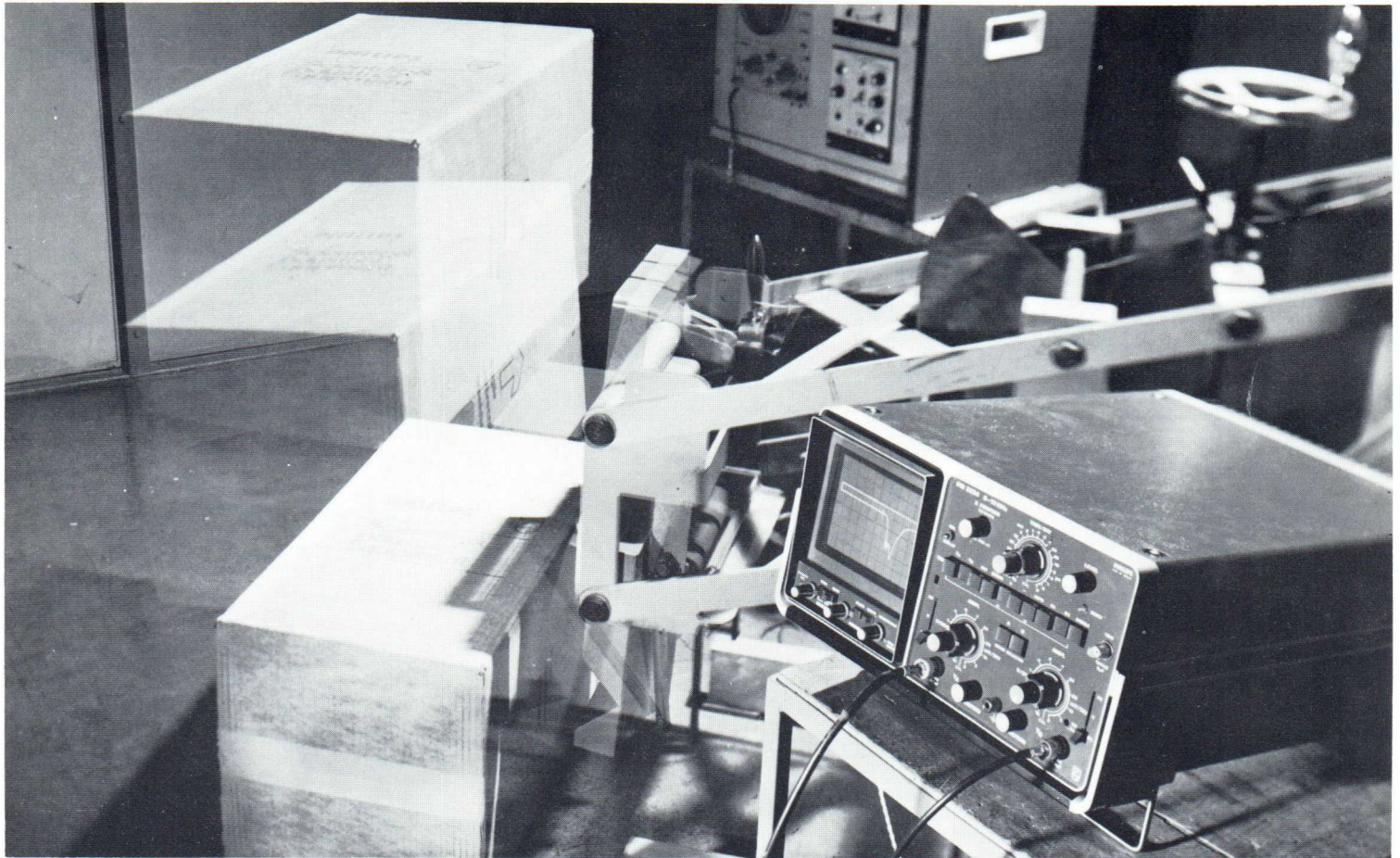
T&M news

from the
Test and Measuring Department

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PHILIPS



10 MHz dual-beam storage oscilloscope

The new PM 3234 combines two techniques which have already proved their worth in earlier instruments: half-tone storage with variable persistence and true dual-beam operation.

Thanks to these two features and the bright display (8.5 kV mesh-type CRT), the PM 3234 gives clear, uninterrupted, error-free displays, and is hence ideal for the study of two single-shot phenomena (this may be regarded as the main field of application of this instrument) and further of other low-frequency or low-intensity signals. The 2 mV sensitivity is maintained over the entire bandwidth of 10 MHz. The large (8 x 10 divisions) screen is fully covered by both beams. Full triggering facilities (Auto, AC, DC and Single-shot) are available, and there are delay lines in both vertical channels.

This oscilloscope is compact, light-weight and easy to maintain. It can be powered by a 24 DC battery as well as by the mains. All these features combine to give an advanced, versatile instrument which can be used to advantage for a very wide range of applications (mainly for the study of switching and other low-repetition rate phenomena in electronics, and for the study of mechanical or medical effects etc. with the aid of transducers).

Photo: Acceleration measurement during drop-testing with the aid of the PM 3234.

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