

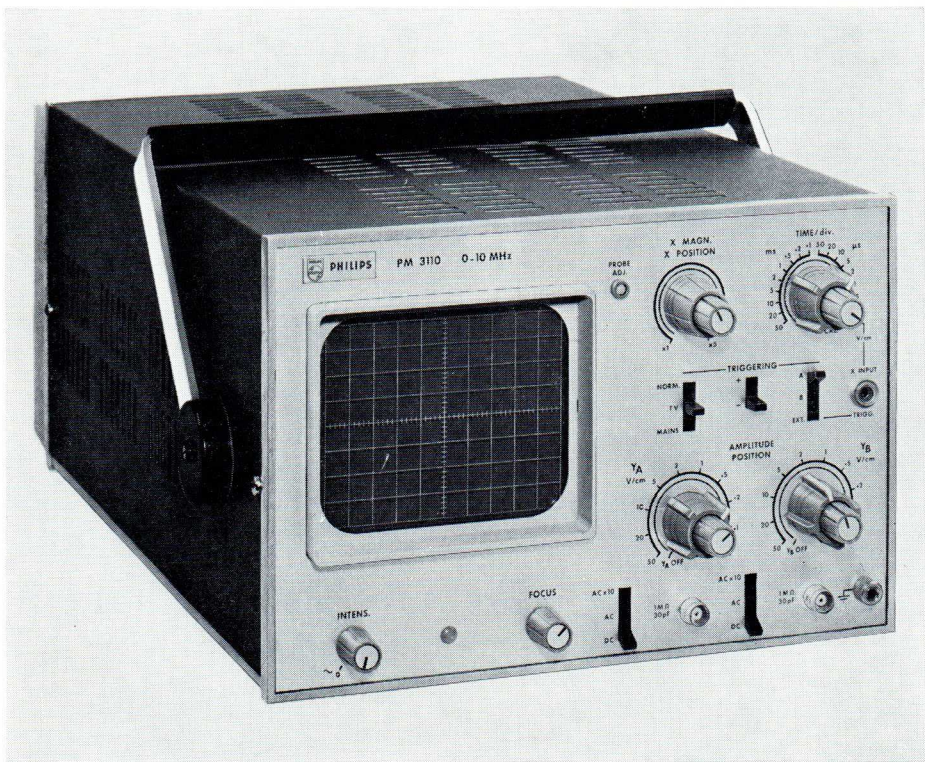
D13-480

PHILIPS



TEST AND MEASURING INSTRUMENTS

Dual-trace 10 MHz oscilloscope PM 3110



- Fully automatic triggering, including TV line and frame
- Large 8 x 10 cm screen
- 10 MHz: 50 mV, 5 MHz: 5 mV
- Overload protected
- Excellent ergonomic styling
- Light-weight construction

PM 3110 is a dual-trace, 10 MHz instrument with an excellent price/performance ratio plus a number of unusual and unique features.

It is not often that an oscilloscope can genuinely claim to be both ideal for education and service applications, but careful overall design of the PM 3110 has achieved this objective.

Triggering, for example, is fully automatic. There are no confusing level and stability controls, and in the absence of a signal the time base is free running, and thus showing at all times a clearly-visible trace.

The time base switch is linked to the chopped/alternate function, so that change-over for optimum display is completely

automatic. And once the special TV triggering position is selected, the time base control also gives fully automatic derivation of line or frame displays. For such applications (or similar) the basic 50 mV sensitivity can be increased to 5 mV through the AC x 10 switch.

Waveforms are displayed on a large 8 x 10 cm screen, and the design of the front panel is extremely simple and elegant.

With the PM 3110 traces are easily found, triggered and displayed. Measurements can be taken simply and accurately, in a highly professional manner, whilst at the same time the oscilloscope is extremely easy to operate. This unique combination of features thus makes the PM 3110 ideal for both education-

al and TV service and production applications.

Technical specification

C.R.T.

Type D 13 - 480 GH

Diameter 13 cm

Display area 8 x 10 cm²

Acceleration voltage 2 kV

Controls Focus and luminance

VERTICAL AMPLIFIER

Channels A and B are equal