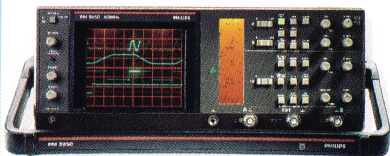


PM 3050/55

Analog 'Smart Scopes'



- 60 MHz bandwidth
- 16 kV CRT
- AUTOSET function
- Triggering to 100 MHz
- Front panel LCD

The PM 3050/55 set new standards for 60 MHz oscilloscopes in ease of use and economy. Instant display of connected waveforms is achieved at a touch of the AUTOSET button. The innovative design approach used on these 'scopes can be seen in the layout of the front panel, which is much more ergonomic than those of conventional 'scopes; and in the use of an LCD panel for at-a-glance viewing of status and settings.

SPECIFICATION SUMMARY

DISPLAY:

Type: CRT, 8x10 cm with internal graticule

Acceleration voltage: 16 kV

VERTICAL DEFLECTION:

Sources: YA, YB, -YB, YA + YB, YA -YB, trigger view;

Bandwidth: DC... > 60 MHz (-3 dB, 20 mV...10 V/div);
DC... > 35 MHz (-3 dB, 2 mV/div...10 V/div);

Deflection coefficient: 2 mV/div...10 V/div in 1,2,5 sequence; **Risetime:** 5.8 ns; **Input impedance:** 1 M Ω /20 pF

HORIZONTAL DEFLECTION:

Sources: TB, X-defl (PM 3050); MTB, MTBI, DTB, alt for PM 3055; **Deflection coefficient:** MTB - 0.5 s/div...50 ns/div plus magnifier x10, DTB - 1 ms/div...50 ns/div

TRIGGERING MTB:

Sources: YA, YB, composite, ext, line; **Modes:** auto, trig, single; **Coupling:** p-p, DC, TVL, TVP slope + or -; **Sensitivity:** int - 0.5 div/10 MHz, 3 div/100 MHz, ext - 50 mV/10 MHz, 500 mV/100 MHz

TRIG. DTB: starts, YA, YB, composite, ext, TVL