

# new compact transistor analyzer PM 6503

combining a wide range of  
measuring facilities with small  
dimensions and reasonable price

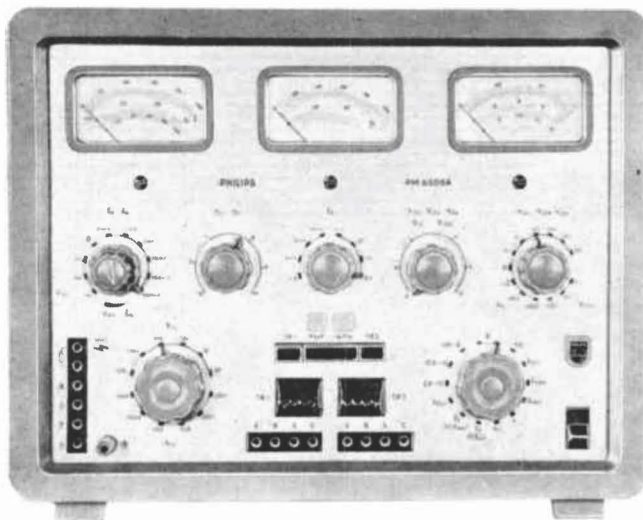
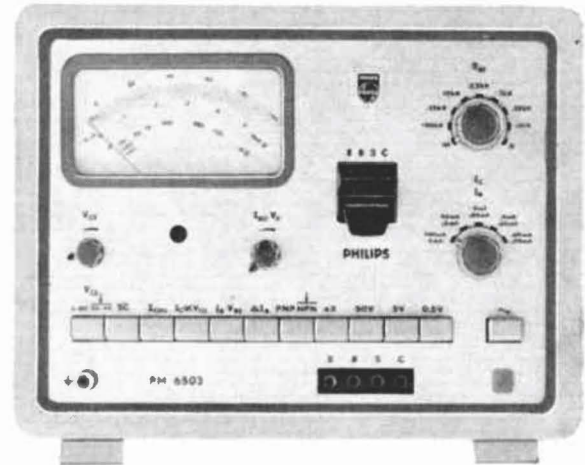
Suitable for measuring  
characteristics of pnp and npn transistors and diodes

Easy connection of 3 or 4 lead  
transistors by means of a "snap-action" lever;  
adapters for TO3 and TO6-type transistors provided

Measuring facilities:  
short-circuit, rest currents  $I_{CEO}$  and  $I_{CER}$ , collector current  
as a function of collector voltage, base current or base-emitter  
voltage, break-through voltage and static current gain  $\alpha_{fe}$

Accuracy of voltage and current measurements 2 %,  
accuracy of current gain measurements 5%

Push-button selection of the parameter to be measured



## transistor analyzer PM 6505A

### new features

- have been added to this high-quality instrument, including:
  - higher sensitivity of rest current measurements (10 nA full scale)
  - collector voltage range up to 60 V
  - diode test voltages up to 300 V
  - higher amplifier stability
  - adapter for TO3 and TO6-type transistors

In addition, this Analyzer has four stabilized power supplies, interlocked controls and three moving-coil meters for clear and simultaneous indication of the voltages and currents of the component under test.

Measuring facilities: short-circuit, rest currents  $I_{CEO}$ ,  $I_{CBO}$  and  $I_{EBO}$ , collector current as a function of base current or base-emitter voltage, knee voltage, parameters  $h_{fe}$  and  $h_{ie}$  and junction curves

## transistor tester PM 6501

An exceptionally easy to operate tester for accurate  
and rapid checks on pnp and npn transistors  
of both low and medium power ratings.

Tests: short-circuit, collector current and current gain.

The applied test voltages are rectified sine waves.



# PHILIPS

electronic measuring  
instruments

Sales and Service all over the world  
For the U.K.:  
The M.E.L. Equipment Co. Ltd.,  
207 Kings Cross Road, London WC1