

# test and measuring instruments

## catalog 1980/81

T&M into the 80s



# PHILIPS

17 JAN. 1980

# test and measuring instruments catalog 1980/81

This publication describes the 1980/81 programme of Philips Test and Measuring instruments. Many new products are included. These are introduced briefly on pages 8 to 10 and described fully within the classified product sections.

Information appears on after-sales and training-support services; also on the availability of further technical information on the products contained in this catalog. Enquiry cards will be found inside the back cover.

In addition to the normal contents list (page 2) there is a products part number list at the back of this catalog to speed product identification from part number information.

A number of products have been supplied under NATO-stock numbers. Information is available on request.

Philips Test & Measuring Dept. reserve the right to modify and improve instrument performance specifications without notice.



# PHILIPS

## Contents

T & M into the 80's	4
Other publications	6

## New products 1980

### Oscilloscopes

– General index	13
Introduction	14
100MHz dual-trace with trigger view	PM 3262 16
100MHz dual-trace with transfer storage	PM 3266 18
150MHz dual-trace with multiplier	PM 3265 21
150MHz with 200MHz-plus, trigger	PM 3265E 21
100MHz dual trace with $\mu$ P controlled timing	PM 3263 23
50MHz four-channel portable	PM 3244 26
50MHz dual timebase, storage plus multiplier	PM 3243 28
10MHz dual beam, with storage	PM 3234 30
10MHz dual-beam, signal delay in vertical channels	PM 3233 32
15MHz general purpose	PM 3225 34
15MHz dual-trace with TV triggering	PM 3226(P) 34
25MHz with signal delay, auto, TV	PM 3212 36
<i>New</i> 35MHz with signal delay, auto, TV	PM 3216 36
25MHz with delayed sweep, alternate timebase	PM 3214 38
<i>New</i> 35MHz with delayed sweep, alternate timebase	PM 3218 38
<i>New</i> 15MHz dual trace, auto, B-invert	PM 3207 40
5MHz dual-trace	PM 3211 42
Oscilloscope accessories selection chart	44
Oscilloscope probes and accessories	45

### Data test equipment

– General index	53
Introduction	54
<i>New</i> Logic analyzer 100MHz	PM 3500 57
<i>New</i> Logic scope 10MHz/25MHz	PM 3540 60

### Philips microcomputer development system

– General index	63
Introduction	64
<i>New</i> Philips microcomputer development system	PM 4421 65
<i>New</i> Intel 8085 support	71
<i>New</i> PROM programmer	PM 4491 74
<i>New</i> High speed matrix printer	PM 4490 75

## Recorders

– General index	77
Introduction	78
Standard 'Compact', line, single pen	PM 8251 80
Standard 'Compact', line, dual-pen	PM 8252 80
Modular 'Compact', line, single pen	PM 8202 82
Modular 'Compact', line, dual-pen	PM 8222 82
Mini-recorder, single line	PM 8110 84
Printing recorder	PM 8210 86
Multipoint recorder	PM 8236 88
Standard DIN A-4 X-Y	PM 8041 91
Multipurpose DIN A-4 X-Y	PM 8141 91
Economy version DIN A-4 X-Y recorder	PM 8040 91
Standard DIN A-3 single-pen X-Y	PM 8131 94
Multipurpose DIN A-3 two-pen X-Y	PM 8132 94
<i>New</i> Intelligent X-Y plotter	PM 8151 98
Consumables	98
Transokomp 250	100
Process control recorders	102

### Multimeters and Voltmeters

– General index	103
Introduction	104
General-purpose analog	PM 2412A 106
High accuracy analog	PM 2504 108
<i>New</i> Electronic analog	PM 2505 110
4-digit portable	PM 2517E/X 112
General-purpose digital	PM 2522 114
General-purpose digital	PM 2522A 115
Autoranging V- $\Omega$ digital	PM 2523 117
Autoranging general purpose digital	PM 2524 118
Autoranging RMS digital	PM 2526 120
Multifunction true RMS digital	PM 2527 122
DC microvoltmeter	PM 2434 125
AC millivoltmeter	PM 2554 126
Accessories selection chart	127
Accessories for multimeters	128

### Automatic test and measuring equipment

– General index	129
Introduction	130
Compact data logger	PM 4000 131
Data logging systems	133
Data logging applications	134
IEC-bus controller	PM 4400 135
IEC-bus control application	138

### Low frequency equipment

– General index	139
Introduction	140
Low distortion LF generator	PM 5107 142
Function generator	PM 5108L 143
Function generator	PM 5129 144
LF Sweep generator	PM 5165 145