● = standard ○ = optional

MULTIMETER SELECTION GUIDE

Accuracy expressed as ±[%rdg + digits]

PRODUCT	7081	7071	7061/62	7060	7151	7150	7066	7065	7055
DIGITS	8½	7½	6½	6½	5½	5½	6½	6½	5½
FULL SCALE	140 000 000	14 000 000	2 100 000	2 000 000	235 000	235 000	1 400 000	1 400 000	200 000
SPEED (rdgs/s)	100	100	1500	266	25	25	330	330	330
VOLTS DC									
Range	10nV - 1kV	10nV - 1kV	100nV - 1kV	1µV - 1kV	100nV - 1kV	100nV - 1kV	100nV - 1.1kV	1µV - 1kV	1µV - 1kV
Accuracy	0.00012 + 30	0.0003 + 10	0.0005 + 2	0.002 + 6	0.002 + 3	0.002 + 5	0.0005 + 4	0.0005 + 4	0.002 + 1
VOLTS TRMS AC				○					
Range	1µV - 750V	1µV - 750V	1µV - 750V	1µV - 750V	1µV - 750V	10µV - 750V	—	—	—
Frequency	DC - 1MHz	DC - 1MHz	10Hz - 500kHz	10Hz - 1MHz	10Hz - 500kHz	10Hz - 300kHz			
Accuracy	0.005 + 50	0.005 + 50	0.02 + 20	0.03 + 20	0.05 + 20	0.1 + 70			
VOLTS MEAN AC				○					
Range	—	—	—	1µV - 750V	—	—	1µV - 750V	1µV - 750V	1µV - 750V
Frequency				10Hz - 1MHz			40Hz - 1MHz	40Hz - 1MHz	40Hz - 1MHz
Accuracy				0.03 + 20			0.03 + 20	0.03 + 20	0.03 + 20
RESISTANCE				○					
Range	10µΩ - 1GΩ	10µΩ - 1GΩ	100µΩ - 1GΩ	1mΩ - 200MΩ	1mΩ - 20MΩ	10mΩ - 20MΩ	100µΩ - 14MΩ	1mΩ - 14MΩ	10mΩ - 20MΩ
Accuracy	0.00015 + 30	0.0003 + 10	0.0007 + 3	0.002 + 6	0.002 + 3	0.004 + 5	0.001 + 8	0.001 + 8	0.003 + 2
True Ohms	●	●				—	—	—	—
CURRENT DC				○					
Range	—	—	1µA - 2A	1nA - 2A	1µV - 2A	1µA - 2A	—	—	—
Accuracy			0.02 + 3	0.04 + 10	0.02 + 3	0.02 + 5			
CURRENT AC				○					
Range	—	—	10µV - 2A	1nA - 2A	10µA - 2A	10µA - 2A	—	—	—
Accuracy			0.05 + 20	0.08 + 40	0.05 + 20	0.1 + 100			
TEMPERATURE			Pt RTD		Pt RTD		●	○	○
Range	—	—	−200 to 600°C	—	−200 to +600°C	—	T'couples	T'couples	T'couples
Resolution			0.001°C, F or K		0.01°C, F or K		J,K,R,T	J,K,R,T	J,K,R,T
RATIO	●	●	●	○	—	—	—	—	—
TIMER	●	●	●	—	●	—	●	○	○
HISTORY FILE	●	●	●	—	●	—	●	○	○
REAR INPUT	●	●	●	●	●	●	●	●	●
DIG CALIBRATION	●	●	●	—	●	●	—	—	—

● = supplied as standard

MULTIMETER OPTIONS & ACCESSORIES

PRODUCT	7081	7071	7061/62	7060	7151	7150	7066	7065	7055
Memory expansion	—	—	70613	—	—	—	—	—	—
SCANNER									
Internal	—	—	70612	—	—	—	—	—	—
2-way cable	—	—	70617B	—	—	—	—	—	—
4-way cable	—	—	70617D	—	—	—	—	—	—
External (Minate)	7010	7010	—	7010	—	—	7010	7010	7010
Interface	●	●	—	70603M	—	—	70665	70556	70556
DVM cable (front)	3183	3183	—	3196A	—	—	3196A	3196A	3196A
DVM cable (rear)	3183	3183	—	3196A	—	—	3183	3183	3183
HV Probe	70757	70757	70757	70457E	70457E	70457E	70457E	70457E	70457E
RF Probe	—	—	—	70457F	70457F	70457F	70457F	70457F	70457F
Temp. Probe	—	—	70617E or 70617F	—	71517A or 71517B	—	—	—	—
10A Shunt	—	—	—	70457X	70457X	70457X	70457X	70457X	70457X
IEEE488 port	●	●	●	●	●	●	70665	70555	70555
RS232 port	●	●	70614A	—	●	—	70665	70556	70556
Binary/BCD port	—	—	—	—	—	—	—	70554	70554
Battery clock	●	●	70614A	—	●	—	—	—	—
Math processing	●	●	●	—	●	—	●	70556	70556
INPUT CABLES									
2-terminal	● (3187)	● (3187)	● (3187)	—	—	—	—	—	—
3-terminal	3193	3193	3193	—	—	—	—	—	—
5-terminal	3183	3183	3183	—	—	—	—	—	—
5-way Kelvin clip	70758E	70758E	70758E	—	—	—	—	—	—
5-way spade	70758D	70758D	70758D	—	—	—	—	—	—
Reference 2-way	—	—	70617B	—	—	—	—	—	—
Reference 4-way	—	—	70617D	—	—	—	—	—	—
NATO lead kit	—	—	—	71517C	71517C	71517C	71517C	71517C	71517C
Rack handles	—	—	—	—	—	—	●	429700101	429700101
Rack ears	●	●	●	●	—	—	●	469601201	469601201
Rack kit, dual	—	—	—	—	71501	71501	—	—	—
Rack slides, tele.	70759	70759	70759	70759	—	—	70759	70759	70759
Service manual	70810014	70810014	70610011	70600011	71510011	71500011	70660013	70550013	70550013