



MODEL/FUNCTION	UNIT	HT1E600	HT1E601	HT1E602	HT1E603	HT1E604	HT1E605	HT1E606	HT1E615	HT1E620	HT1E621
AC voltage	U A.C. [V]	0-600 V						2000 V	600 V		
DC voltage	U D.C. [V]	0-600 V						2000 V	600 V		
AC current	I A.C. [A]	max. 10 A						400 mA	max. 600 A		
DC current	I D.C. [A]	max. 10 A			max. 10 A			400 mA			
Electrical capacity	C [F]	max. 99,99 mF	max. 10 mF		max. 2 mF	max. 60 mF	max. 60 mF	400 uF	max. 4 mF		
Resistance	R [Ω]	max. 99,99 MΩ		max. 2 MΩ	max. 40 MΩ	max. 60 MΩ		max. 400 MΩ	max. 40 MΩ	max. 60 MΩ	max. 60 MΩ
Frequency	[Hz]	0-60 kHz			5-5 MHz	0-10 MHz	0-20 MHz	0-4 MHz	0-4 MHz		
Battery level measurement	[V]	1,5/9 V									
Temperature measurement	[°C / °F]				-20°C to +1000°C / -4°F-1832°F	-20°C to +1000°C / -4°F-1832°F			-40°C to +1000°C / -4°F-1832°F		
Transistor measurement (hFE)					X			X			
Battery		2 x 1,5V AAA			3 x 1,5 V AAA	1 x 9 V 6F22	2x 1,5 V AAA	1 x 9 V 6F22	2x 1,5 V AAA	2 x 1,5 V AAA	3 x 1,5 V AAA
LCD screen with backlight		9999	9999	1999 (blue)	3999	5999	6000	4000	4000	5999	5999
TRUE RMS		X	X		X	X	X		X	X	X
NCV (non-contact wire current detection)		X	X				X	X	X	X	X
VFC (Low Pass Filter)		X								X	
DATA HOLD (saving the current measurement)		X	X	X	X	X	X	X	X	X	X
LIVE (detects AC current in the cable)		X	X								
RANGE (selection between automatic and manual range setting)						X		X			
AUTO-RANGE (automatic measuring range)		X	X		X	X	X		X	X	X
Screen backlight		X	X	X	X	X	X	X	X	X	X
RELATIVE (measures relative value)					X	X					
MIN/MAX (registration of minimum and maximum values)					X	X					X
LOW Z (low impedance voltage measurement)										X	
SELECT (function selection)						X	X		X	X	X
SMART			X				X		X		
Checking diodes and continuity		X	X	X	X	X	X	X	X	X	X
Built-in flashlight		X	X				X		X	X	X
Possibility to connect a clamp meter						X					
Wall bracket		X	X	X	X	x + magnetic holder					
Test leads included		X	X	X	X	X	X	X	X	X	X
Rubber body		X	X	X	X	X	X	X			
Cable clamps		X	X	X	X	X					
Kickstand on the back of the device		X	X	X	X	X					
The maximum diameter of the measured cable										18 mm	20 mm

TRUE RMS - measures alternating current and voltage – precise RMS value for both sinusoidal and deformed waveforms
NCV - enables non-contact detection of current in conductors
VFC - measures variable frequency current and voltage
DATA HOLD - keeps the currently measured value on the display
LIVE - cable phase measurement / detects AC current in the cable

RANGE - switches between auto and manual selection of the operating range
AUTO-RANGE - automatically adjusts the measurement range
SMART - the meter recognizes the measured parameter itself and automatically adjusts the measurement range (AUTO RANGE) of direct and alternating voltage, diode test or resistance
RELATIVE - relative value measurement

MIN/MAX - registers minimum and maximum values
LOW Z - low impedance voltage measurement mode
SELECT - switch functions for non-contact NCV / capacitance / frequency / current measurement