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CONCEPT - COMPTON/STROBE - PANZANI/ITALIA - SIMON - TARRANT'S MARKING - STROBE

## News 2007



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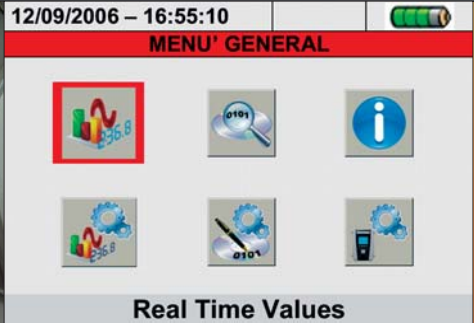






2010/12/007 - 12:37:37												
A	B	C	D	E	F	G	H					
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Virtual keyboard on display

## [ PQA823-PQA824 ] POWER QUALITY ANALYZERS IN COMPLIANCE TO EN 50160

			
<p><b>External Compact Flash to expand the internal memory</b></p>	<p><b>Graphical icons interface for quick selection of features</b></p>	<p><b>Wide TFT color "touch screen" display</b></p>	<p><b>Set of four standard flexible clamps for three phases + neutral measurements</b></p>

### FAMILY 800 SELECTION GUIDE

#### FEATURES

	PQA823	PQA824
Simultaneously measurements and recordings on Single phase and Three phase 3-wire and 4-wire systems	•	•
4 current and 5 voltage input channels	•	•
Table and graphic (waveforms) displaying of the data	•	•
Voltage/current vectorial diagram (Fresnel)	•	•
Voltagess and currents harmonic analysis up to the 49 <sup>th</sup> order and THD% calculation with histograms displaying	•	•
Voltage anomalies (sags, swells) with 10ms resolutions	•	•
Flicker analysis	•	•
Voltagess unbalance analysis	•	•
Voltage transients analysis with 5 $\mu$ s resolution	•	•
Inrush currents (typically electric engine) measurement and recordings	•	•
High capacity internal memory (15Mbytes) expandible with external Compact Flash cards	•	•
USB ports to drive USB devices live pen memories	•	•
Contextual on screen help	•	•
TFT color "touch screen" display	•	•
Internal rechargeable Li-ION battery with external power adapter	•	•



### COMBI420

Multifunction meter for safety tests and power measurements on single phase systems



### COMBI419

Multifunction meter for safety tests on electrical installations

# [ COMBI419-COMBI420 ] MULTIFUNCTION METERS FOR SAFETY TESTS ON ELECTRICAL INSTALLATIONS IN COMPLIANCE TO VDE 0100



**Contextual help active on each function**

**Optional remote probe**

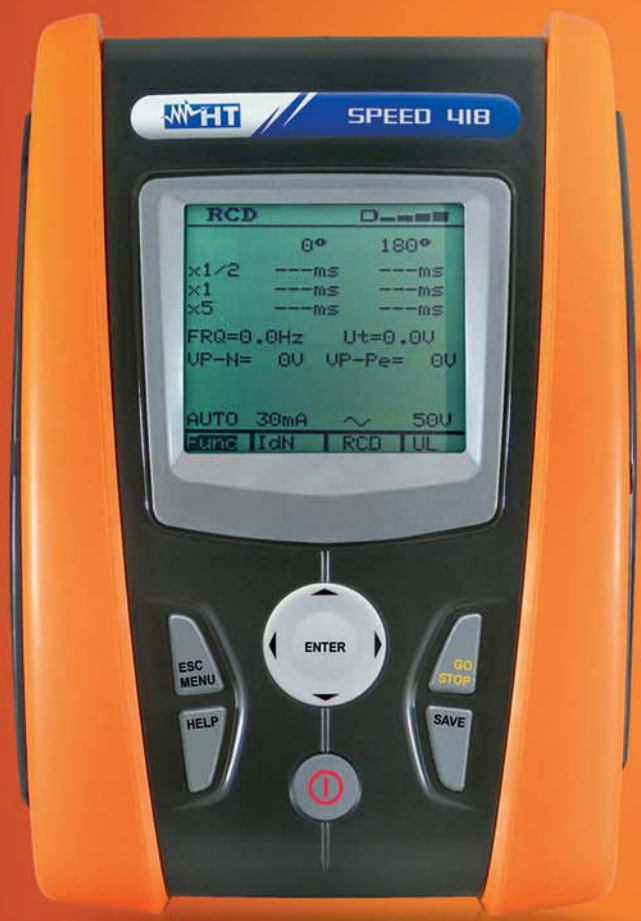
**General menu for a quick selection of all the desired functions**

**AUTOMATIC function to perform all safety tests through a single outlet**

## FAMILY 400 SELECTION GUIDE

### FEATURES

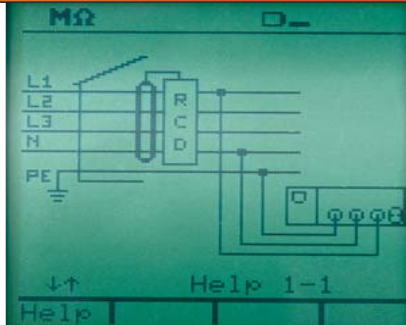
	COMBI419	COMBI420
Continuity of protection conductors with 200mA	•	•
Insulation with 50-100-250-500-1000VDC test voltage	•	•
Tripping time and tripping current on RCDs type A, AC General and Selective	•	•
P-P, P-N, P-PE loop impedance and prospective short circuit current	•	•
High resolution (0.1 mΩ) loop impedance P-P, P-N, P-PE with IMP57 (optional accessory)	•	•
Global Earth Resistance without RCD tripping	•	•
Contact voltage	•	•
Phase sequence test	•	•
Leakage current (by HT96U optional clamp)	•	•
AUTO test (Global Earth Resistance, RCD tripping time, Insulation) through a single outlet of the installation	•	•
Powers and Power Factor (Single phase) and harmonic analysis with THD%		•
Environmental parameters (Temperature/Humidity, Illuminance, Sound levels, etc.) with optional probes		•
Contextual help on each screen	•	•
Remote probe input (PR400 optional)	•	•
Internal memory and RS-232 interface to downloading data to a PC	•	•



[ ISO410-SPEED418-GEO416 ] DEDICATED METERS FOR SAFETY TESTS ON ELECTRICAL INSTALLATIONS IN COMPLIANCE TO VDE0413

**ISO410**

Insulation meter up to 1000VDC and Continuity tester with 200mA in compliance to VDE 0413/2/4



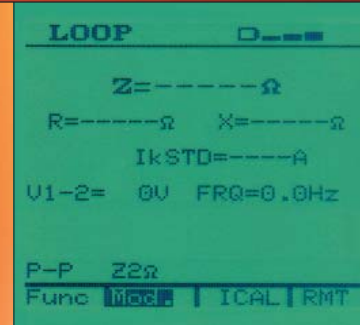
**Contextual help active on each function**

**GEO416**

Earth resistance (3-wire, 2-wire) and ground resistivity (4-wire method) meter in compliance to 0413/5



**Earth measurement by 3-wire or 2-wire method up to 50k Ω (Geo416)**



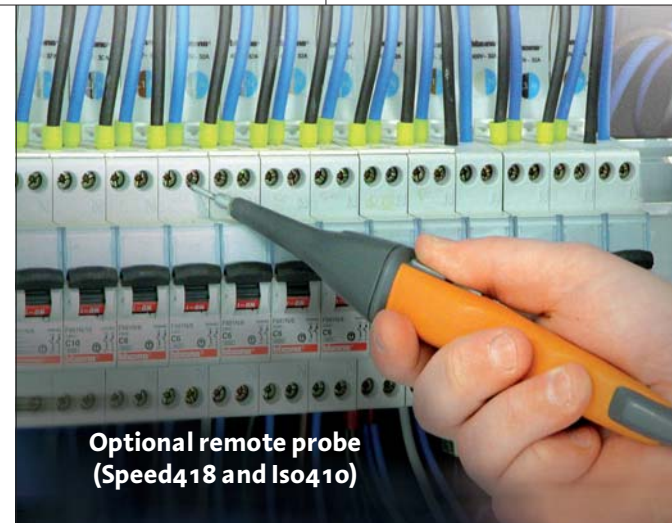
**High resolution (0.1mΩ) loop impedance measurements by IMP57 optional accessory (Speed418)**

**SPEED418**

Global earth resistance meter and RCD tester in compliance to VDE 0413/3/6/7



**High resolution (0.1mΩ) loop impedance P-P, P-N, P-PE optional accessory**



**Optional remote probe (Speed418 and Iso410)**



**MULTITEST M74**  
Safety tests + TRMS multimeter



FUNCTIONS



AUTO

Ra  
⊥  
⊕

RCD

MΩ

Ω  
0.2A

LAN



**MULTITEST M75**  
Safety tests + LAN wire mapper  
+ TRMS multimeter

[ M74-M75 ] PORTABLE METERS FOR SAFETY TESTS ON ELECTRICAL INSTALLATIONS  
+ WIRE MAPPING ON LANS + TRMS MULTIMETER



**AUTOMATIC function to perform all the tests through a single outlet**

**Innovative electronic function selector**

**HT96U optional clamp to perform leakage current measurements**

**Two remote units for wire mapping tests on LAN cables (only M75)**

MULTITEST SELECTION GUIDE

FEATURES	M74	M75
Continuity of protection conductors with 200mA	•	•
Insulation with 250-500VDC test voltage	•	•
Tripping time on RCDs type AC General with 30, 30x5, 100, 300mA	•	•
Global earth resistance without tripping of RCD	•	•
AUTO test (Global earth resistance, RCD tripping time, Insulation) through a single outlet of the installation	•	•
Contact voltage	•	•
Phase sequence test by one/two test leads method	•	•
Leakage current (by HT96U optional clamp)	•	•
DC/AC TRMS Voltage measurement	•	•
AC TRMS Current measurement	•	•
Resistance and continuity test with buzzer	•	•
HOLD, MAX, MIN, AVG	•	•
Voltage and current peak values with response time of 1ms	•	•
Complete wire mapping test on LAN RJ45 connector cables		•
Wide display and innovative electronic selector	•	•



[ M72-M73 ] PORTABLE DEDICATED METERS FOR SAFETY TESTS ON ELECTRICAL INSTALLATIONS

**MULTITEST M72**

Insulation meter up to 500VDC and Continuity tester with zoomA



Insulation measure with 500VDC test voltage (M72 only)



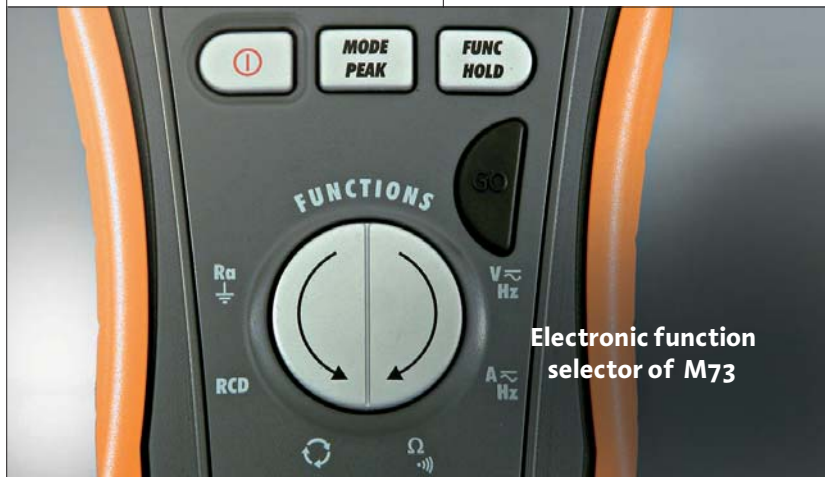
Electronic function selector of M72



Tripping time measure performed on a RCD type AC (M73 only)

**MULTITEST M73**

Global earth resistance and tripping time of RCDs type AC General meter



Electronic function selector of M73



HT96U optional clamp to perform leakage current measurements



HT®

M70



IsoTEST

LOCK ZERO

FUNCTIONS

V~ V- Ω Lo Ω 1000V/MΩ 500V/MΩ 250V/MΩ

>600V

HT®

M71



GROUNDTEST

CAL AUTO

FUNCTIONS

EARTH 2p EARTH 3p

[ M71-M70 ] PORTABLE DEDICATED METERS FOR SAFETY TESTS ON ELECTRICAL INSTALLATIONS IN COMPLIANCE TO VDE 0413

**GROUNDTEST  
M71**

Portable earth resistance (3-wire, 2-wire) meter



**Earth measure  
(3-wire method)**



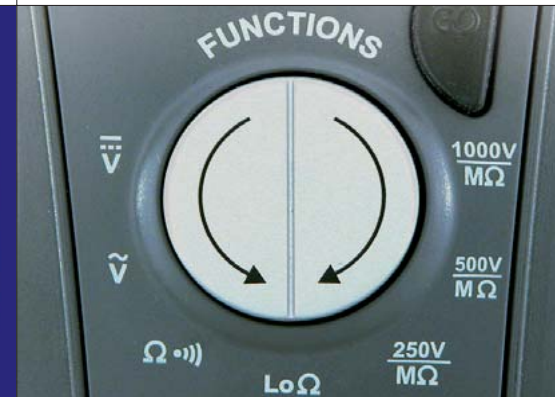
**Electronic  
function selector  
of M71**

**ISOTEST  
M70**

Insulation meter up to 1000VDC and continuity tester with 200mA







**Insulation measure  
(1000VDC)**



**Electronic  
function selector  
of M70**



[ HT321-HT322-HT326-HT327 ] CAT IV DIGITAL MULTIMETERS

			
<p><b>TRMS (HT327 only) for correct results on non sinusoidal signals measurements</b></p>	<p><b>Fused current inputs (HT326 and HT327 only)</b></p>	<p><b>Backlighting display (HT322, HT326, HT327 only)</b></p>	<p><b>Voltage and current peak measurements (HT327 only)</b></p>

FAMILY 320 SELECTION GUIDE

FEATURES	HT321	HT322	HT326	HT327
TRMS				•
LCD resolution	2000 points	2000 points	4000 points	4000 points
AC/DC Voltage	•	•	•	•
DC Current			•	•
AC Current			•	•
Resistance and continuity test with buzzer	•	•	•	•
Diode test	•	•	•	•
Capacitance			•	•
Duty cycle			•	
Temperature (with optional type K probe)		•		
Auto power OFF	•	•	•	•
Bargraph				•
Backlight		•	•	•
Overvoltage category	CAT IV 600V	CAT IV 600V	CAT IV 600V	CAT IV 600V