



# COMBI SERIES

Instruments for  
Safety testing of  
electrical systems.



We build the future since 1983



WiFi CONNECTION

AUTO TEST

EVSE TESTING

POWER QUALITY ANALYSIS

ORDER CODE HV000521

## COMBI521

MULTIFUNCTION ELECTRICAL INSTALLATION AND EVSE SAFETY TESTER WITH POWER QUALITY ANALYSIS

- › AUTO sequence
- › Continuity of conductors
- › Insulation resistance
- › Polarity test
- › RCD type AC, A, B, B+ and F, general and selective
- › Line/fault impedance and prospective short-circuit/fault current
- › MCB and fuses
- › Phase sequence
- › Voltage drop
- › Leakage and absorbed current\*
- › Power quality analysis
- › Environmental parameters
- › EVSE AUTO-sequence safety testing\*\*
- › Internal memory and connection to the PC
- › Wi-Fi connection to Android and iOS smartphones and tablets

\* Only with optional accessory HT96U

\*\* Only with optional accessory EV-TEST100

\*\*\* B and B+ up to 300mA

## FUNCTIONS

	COMBI 521	COMBI 519	EASYTEST
Insulation resistance	50, 100, 250, 500, 1000 VDC	50, 100, 250, 500, 1000 VDC	50, 100, 250, 500, 1000 VDC
Polarization index PI and dielectric absorption ratio DAR	•	•	•
Continuity of the protection cable	• 200mA	• 200mA	• 200mA
RCD tripping time and current, manual / auto / ramp test	A, AC, B, B+, F General, Selective	A, AC, B, B+, F General, Selective	A, AC, F General, Selective
RCD nominal currents (mA) (Molded case type)	6, 10, 30, 100, 300, 500, 650, 1000***	6, 10, 30, 100, 300, 500, 650, 1000***	6, 10, 30, 100, 300, 500, 650, 1000***
Fault / line impedance and prospective fault / short-circuit current	•	•	•
Breaking capacity MCB / Fuse	•	•	•
R-PE resistance no trip RCD	• (2-wires, 3-wires)	• (2-wires, 3-wires)	• (2-wires, 3-wires)
Voltage drop	•	•	•
Phase Sequence Indication	•	•	•
Automatic test sequence	• (Ra, RCD, MOhm)	• (Ra, RCD, MOhm)	• (Ra, RCD, MOhm)
Wiring polarity checker	•	•	•
DMM	•	•	•
EVSE safety AUTO sequence**	• with EV-TEST100**		
Environmental parameters	•		
Leakage current*	• with HT96U*		
Power quality	•		
Display	Black/White Graphic display	Black/White Graphic display	Black/White Graphic display
Memory recall and clear	• (999 locations)	• (999 locations)	• (999 locations)
PC Interface	• (optical/USB)	• (optical/USB)	• (optical/USB)
WiFi interface	•		



AUTO TEST

AC, A, B, B+, F RCD

ORDER CODE HV000519

## COMBI519

MULTIFUNCTION ELECTRICAL INSTALLATION SAFETY TESTER

- › AUTO sequence
- › Continuity of conductors
- › Insulation resistance
- › Polarity test
- › RCD type AC, A, B, B+ and F, general and selective
- › Line/fault impedance and prospective short-circuit/fault current
- › MCB and fuses
- › Phase sequence
- › Voltage drop
- › Internal memory and connection to the PC

\*\*\* B and B+ up to 300mA



AUTO TEST

AC, A, F RCD

ORDER CODE HV000100

## EASYTEST

MULTIFUNCTION ELECTRICAL INSTALLATION SAFETY TESTER

- › AUTO sequence
- › Continuity of conductors
- › Insulation resistance
- › Polarity test
- › RCD type AC and A general and selective
- › Line/fault impedance and prospective short-circuit/fault current
- › MCB and fuses
- › Phase sequence
- › Voltage drop
- › Internal memory and connection to the PC



## ACCESSORIES

	COMBI 521	COMBI 519	EASYTEST
<b>C2033X</b> Shuko plug cable	S	S	S
<b>UNIVERSALKITCOMBI</b> Set of 3 test cables, 3 alligator clips and 3 test leads	S	S	S
<b>ZEROLOOP</b> Loop zero adapter	S	S	S
<b>BORSA75</b> Soft carrying bag	S	S	S
<b>PR400</b> Remote START/STOP switch probe	O	O	O
<b>TOPVIEW</b> Windows PC software	S	S	S
<b>C2006</b> PC connection cable	S	S	S
<b>HTAnalysis</b> APP for iOS and Android systems	S	-	-
<b>606-IECN</b> Connector with magnetic tip	O	O	O
<b>IMP57</b> Accessory for loop impedance measurement with high resolution	O	O	-
<b>HT4004</b> Hard jaw 10-100A DC clamp, 30 mm	O	-	-
<b>HT98U</b> Hard jaw 1000A DC clamp, 50 mm	O	-	-
<b>HP30D1</b> Hard jaw 1000A DC clamp, 83 mm	O	-	-
<b>HT4005K</b> Hard jaw 200A AC clamp, 40 mm	O	-	-
<b>HT4005N</b> Hard jaw 5-100A AC clamp, 20 mm	O	-	-
<b>HT96U</b> Hard jaw 1-100-1000A AC clamp, 54 mm	O	-	-
<b>HT97U</b> Hard jaw 10-100-1000A AC clamp, 54 mm	O	-	-
<b>HP30C2</b> Hard jaw 200-2000A AC clamp, 70 mm	O	-	-
<b>HP30C3</b> Hard jaw 3000A AC clamp, 70 mm	O	-	-
<b>HT52/05</b> Temperature/Humidity probe	O	-	-
<b>HT53/05</b> Illuminance (lux) probe	O	-	-
<b>VA500</b> Rigid carrying case	O	O	O
<b>SP-0500</b> Free hands kit	S	S	O
User manual and short guide	S	S	S
Calibration report	S	S	S

- : Not compatible | S: Standard | O: Optional



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