



CODE **HV5036PR**

康高特-HT MACROTEST G3安规测试仪



PROFESSIONAL MULTIFUNCTIONAL
INSTRUMENT FOR ELECTRIC SAFETY
TESTING

DISPLAY
TOUCHSCREEN



WI-FI WITH
PC AND
APP



HTAnalysis™

DATA
SHARING IN



Cloud



ELECTRICAL SAFETY TESTING CEI 64-8

- > **Differential Tests** type **A, AC, B, B+, DD and F** up to 1A*:
 - General, Selective and Delayed
 - Tests on RCD with split toroid up to 10A**
 - Differential trip time and current
- > **Earth Resistance** with **voltammetric method** with 2 or 3 points in TT, TN and IT systems
 - Ground resistivity
 - Overall earth resistance without differential tripping
 - Earth rod resistance via T2100 clamp***
- > **Insulation resistance up to 1000V DC** and protective conductor **continuity with 200mA**
- > **Protective conductor continuity with 10A** (with optional EQUITEST accessory)
- > **Voltage drop** as a percentage on **VDROP** lines
- > **Advanced Loop** for measuring line impedance, testing magnetothermal protections, fuses, sizing cables and measuring the assumed short-circuit current.
- > **Electric parameter measurement in Single-phase** installations:
V, I, W, VAR, VA, PF, Harmonics and THD%
Phase sequence (SEQ) and **leakage current testing with HT96U current clamp.**
Wi-Fi connectivity with HTANALYSIS™ App and PC.
- > **TopView software** for data download and report generation

*B up to 300mA

**With optional RCDX10 accessory

***T2100 clamp optional.



TECHNICAL DATA SHEET

TECHNICAL SPECIFICATIONS

TRMS	●
Insulation with test voltages 50, 100, 250, 500, 1000V DC	●
Continuity of protective conductors with 200mA	●
Continuity of protective conductors with 10A	With optional EQUITES accessory
RCD trip time and current, type B, B+, F, A, AC Standard, Selective and Delayed up to 1A	●
Split toroid RCD trip time and current, type B, B+, F, A, AC Standard, Selective and Delayed up to 10A	With optional RCDX10 accessory
Overall earth resistance without differential tripping	●
Earth resistance with voltammetric method	●
Individual earth rod resistance with clamp	With optional T2100 clamp accessory
Ground resistivity with 4-wire method	●
Loop/Impedance L-L, L-N, L-PE	●
Loop/Impedance L-L, L-N, L-PE with high resolution	With optional IMP57 accessory
Measurement of percentage voltage drop on line	●
AUTOMATIC test (Ra, RCD, Insulation) in sequence	●
Contact voltage	●
Phase sequence	●
Leakage current measurement	With optional HT96U accessory
Voltage, Current, Active, Reactive, Apparent Power measurement	● (Single-phase system)
Cosphi, Power Factor measurement	● (Single-phase system)
Voltage and current harmonics up to 25a and THD%	●
Measurement category	CAT IV 300V
Environmental parameter measurement (°C,°F, %RH, Lux)	With optional probes
Test with PR400 remote lead	●
Online help on display	●
Optical/USB serial port for connection with PC	●
Integrated Wi-Fi and compatibility with HTANALYSIS app	●

GENERAL SPECIFICATIONS

Dimensions (L x W x H)	225 x 165 x 75mm
Weight (batteries included)	1.2 kg
Operating temperature	0°C ÷ 40°C
Operating humidity	<80% RH
Protection rating	IP40
Power supply	6x1.5V type AA alkaline batteries or 6x1.2V type AA rechargeable NiMH batteries

ACCESSORIES

STANDARD ACCESSORIES

C2033X	Cable with banana, green - black - blue, shuko plug
UNIVERSALKITG3	Set of 4 cables, 4 alligator clips and 3 black red-green-blue leads
KITERRNE	Set of 4 rods and 4 blue-red-green-black cable coils
PT400	Touchscreen pen
PR400	Remote lead with START/STOP button
ZEROLOOP	Accessory for resetting measuring cable resistance
C2006	Optics/USB connection cable
VA507	Rigid carrying case
YABAT0003000	Rechargeable battery type AA NiMH, 1.2V, 6 pieces
YABAT0004001	External battery charger
Quick start guide	
Complete user manual and management software available online	
Calibration report	

OPTIONAL ACCESSORIES

IMP57	Accessory for measuring high resolution Loop impedance
T2100	Clamp to measure ground probe resistance
HT52/O5	Probe for measuring temperature/humidity
HT53L/O5	Probe for measuring illuminance (Lux)
607-IECN	Connector with magnetic termination
1066-IECN	Connector for cable extensions with banana, 4mm
HT4005K	Standard clamp with full scale 200A/1V AC
HT96U	Standard clamp with full scale 1/100/1000A-1VAC
BORSA2051	Carry bag
RCDX10	Accessory for tests on RCD with split toroid
SP-0400	Set of straps for shoulder instrument use
EQUITEST	Instrument for measuring continuity with 10A test current