HT INSTRUMENTS

GSC60

MULTIFUNCTIONAL INSTRUMENT FOR ELECTRICAL SAFETY TESTING AND POWER QUALITY ANALYSIS

METEL **HV000060**

GSC60

MULTIFUNCTIONAL INSTRUMENT FOR ELECTRICAL SAFETY TESTING AND POWER QUALITY ANALYSIS

DISPLAY TOUCHSCREEN

HTAnalysis™

HT Cloud

NETWORK **ANALYSIS**

CERTIFICATE OF CALIBRATION

ELECTRICAL SAFETY TESTING CEI 64-8

- **Earth Resistance** with voltammetric method with 2 or 3 points in TT, TN and IT systems, **overall earth resistance** measurement via outlet and with T2100 voltammetric clamp (optional)
- **Ground resistivity** with Wenner 4-wire method.
- **Differential tests type A, AC, B, B+, F up to 1A**
  - *General, Selective and Delayed*
  - *Tests on RCD with split toroid up to 10A*
  - *Differential trip time and current*
- **Insulation Resistance** measurement with test voltage up to **1000V DC**
- **Protective conductor continuity** measurement with test current **200mA**
- **Protective conductor continuity** measurement with **current >10A** (with optional EQUITEST accessory)
- **Advanced Loop Magnetothermal protection, fuse** testing and cable sizing
- Measurement of **voltage drop** on line
- **Phase sequence** (SEQ) testing
- **Leakage current** measurement and recording over time
- TopView software for data download and report generation

NETWORK AND ENERGY CONSUMPTION ANALYSIS

- **Measurement and recording of electrical parameters** (Voltages, Currents, Powers, Energies, cosphi, etc.) in Single-phase and Three-phase systems
- **9 types of available electric systems**
- **632 parameters recordable** for more than two months
- Real-time display of **waveforms, harmonics, vector diagrams** and phase summary function
- **Voltage anomalies** (sags, swells) with a minimum duration of 20ms

TECHNICAL DATA SHEET

TECHNICAL **SPECIFICATIONS**

Continuity of protective circuit with 200mA	●
Continuity of protective conductors with 10A	With optional EQUITES accessory
Insulation with voltage 50, 100, 250, 500, 1000VDC	●
Differential trip time/current type AC, A/F Standard/Selective/Delayed up to 1000mA	●
Differential trip time/current type B/B+ up to 300mA	●
Split toroid RCD trip time and current type AC, A/F, B/B+ Standard, Selective and Delayed up to 10A	With RCDX10 accessory
Loop Impedance L-N, L-L, L-PE and calculation of assumed short-circuit current	●
Line/Loop Impedance with high resolution	With optional IMP57 accessory
Percentage voltage drop on line	●
Leakage currents measurement and recording	With optional HT96U accessory
Environmental parameter measurement and recording (Temperature, Illuminance)	With optional probes
Network and power consumption analysis	●
9 types of available electric systems	●
632 Parameters recordable for more than 2 months	●
Voltage anomalies (sags and swells) with a minimum duration of 10ms	●
Active, Reactive, Apparent Power Measurement/Recording	●
Active, Reactive, Apparent Energy Measurement/Recording	●
Cosphi, Power Factor Measurement/Recording	●
Voltage and Current Harmonics Measurement/Recording up to 49th order and calculation of THD%	●
Voltage/Current vector diagram	●
Tables or histogram graphics of Harmonics and THD%	●
Summary table of main electric parameters	●
Online help on display	●
Measurement category	CAT IV 300V, max 600V between inputs
Colour touchscreen display	●
Integrated Wi-Fi and compatibility with HTANALYSIS app	●

GENERAL **SPECIFICATIONS**

Dimensions (L x W x H)	235 x165 x 75mm
Weight (batteries included)	1.2 kg
Operating temperature	from 0°C to 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**

HTFLEX33E	Flexible clamp 3000A AC, max cable diam 174mm, 4pcs
C2033X	Cable with banana, green - black - blue, shuko plug
UNIVERSALKITG3	Set of 3 cables, 3 alligator clips and 3 leads, black red-green-blue
KITTERRNE	Set of 4 cables + 4 ground probes + carry bag
PT400	Touchscreen pen (included with instrument)
A0061	External battery charger power pack with shuko cable
C2006	Optics/USB connection cable
PR400	Remote lead with START/STOP button
RCDX10	Accessories for tests on RCD with split toroid up to 10A
SP-5100	Set of straps for shoulder instrument use
VA500	Rigid carrying case
YABAT0003000	Rechargeable battery type AA NiMH, 1.2V, 6 pieces
YAMUM0063HT0	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
HT52/05	Probe for measuring temperature/humidity
HT53L/05	Probe for measuring illuminance (Lux) of white sources and LEDs
606-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-1V AC
HTFLEX35	Flexible clamp with full scale 3000AAC, diameter 274mm
HT98U	Standard clamp with full scale 1000A-1V DC, diameter 50mm
HP30D1	Standard clamp with full scale 1000A-1V DC, diameter 83mm
HP30C2	Standard clamp with full scale 200/2000A-1V AC
HP30C3	Standard clamp with full scale 3000A-1V AC
HT4004	Standard clamp with full scale 10-100A/1V DC + batteries included
HT4003	Standard clamp with full scale 400A/1V AC
HT4005N	Standard clamp with full scale 5-100A/1V AC
BORSA2051	Carry bag
EQUITEST	Instrument for measuring continuity with 10A test current

HT ITALIA S.R.L.
Via della Boaria, 40 48018 Faenza (RA) Italy
T +39 0546 621002 | **F** +39 0546 621144
M vendite@ht-instruments.com | **ht-instruments.com**

Services d'EURO-INDEX

EURO-INDEX est un fabricant, importateur et distributeur de diverses marques A dans le domaine des instruments de test et de mesure. Nous fournissons également une large gamme de services pour optimiser l'utilisation de ces instruments dans vos activités. Ces services comprennent naturellement l'entretien, la réparation et l'étalonnage des instruments, mais nous proposons aussi une assistance sous forme de formation via notre EURO-INDEX Academy et la location d'instruments.

Centre de Service Agréé

EURO-INDEX est un Centre de Service Agréé pour toutes les marques représentées. Cela signifie que vos instruments sont pris en charge par des techniciens formés par le fabricant et disposant des outils et logiciels adéquats. Seules des pièces d'origine sont utilisées et la garantie de votre instrument, ainsi que les certifications (ATEX, EN50379, etc.) restent intactes.

Laboratoire de maintenance et de calibrage

Le laboratoire des Pays-Bas est accrédité RvA selon la norme EN-ISO/IEC 17025. Cette accréditation est valable pour différentes grandeurs, telles que spécifiées dans le champ d'application associé au numéro d'accréditation K105. Les certificats de calibrage RvA sont acceptés à l'international et équivalents à ceux de BELAC.

Plus d'infos

Service Mobile

Outre les laboratoires d'étalonnage fixes de Zaventem et de Capelle aan den IJssel, nous disposons également d'un laboratoire itinérant appelé "Service mobile". Nos services puisse venir vers vous, en offrant une qualité équivalente.

Plus d'infos

MQS®

MQS® est une formule d'entretien exclusive comportant un entretien et un calibrage périodiques de vos instruments de mesure à un coût fixe et faible. Via un portail Web gratuit (monmqs.be), vous avez toujours accès à vos certificats de calibrage.

Plus d'infos

Location d'instruments de mesure

- Vaste assortiment
- Précision démontrable par le certificat d'étalonnage actuel
- Conseils avisés
- Les instruments sont livrés avec leurs accessoires

Plus d'infos

EURO-INDEX Academy

- Formations et seminars
- Vidéos de démonstration et d'instruction
- Notes d'application

Plus d'infos

Comptoir de service

Entretien, réparation et calibrage

Formations et seminars

Service Mobile

Sous réserve de modifications EURO-INDEX® FR 23001

EURO INDEX

BELGIQUE
Chaussée de Louvain 607
1930 Zaventem
T: 02 - 757 92 44
F: 02 - 757 92 64
sales@euro-index.be
www.euro-index.be

PAYS-BAS
Rivium 2e straat 12
2909 LG Capelle a/d IJssel
T: +31 - (0)10 - 2 888 000
F: +31 - (0)10 - 2 888 010
verkoop@euro-index.nl
www.euro-index.nl

CERTIFICATION DE SYSTÈME QUALITÉ
DNV
ISO 9001