PV-**ISOTEST**

INSTRUMENT FOR PV SYSTEM TESTING, MAINTENANCE AND SAFETY UP TO 1500 VDC

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INSTRUMENT FOR PV SYSTEM TESTING, MAINTENANCE AND SAFETY UP TO 1500VDC

› **Insulation** measurement up to **1500VDC**

› **Localisation of faulty module** via new **GFL function**

› **Insulation measurement in DUAL** and **TIMER** modes to check the level of degradation of the insulation

› **Protective conductor continuity** with **200mA**

› Fast **Outcome: OK** or **NOT OK** for each measurement
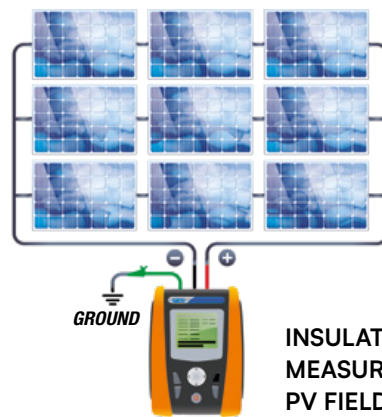
CERTIFICATE OF CALIBRATION

PRODUCT DATA SHEET

GFL **FUNCTION**

INSULATION **1500** VDC

Tests in DUAL **MODE**

INSULATION RESISTANCE TESTING IN DUAL MODE WITH INSTANT FEEDBACK

INSULATION MEASUREMENT IN "FULL PV FIELD" MODE

TECHNICAL DATA SHEET

TECHNICAL **SPECIFICATIONS**

Measurement category	CAT III 1500V DC / CAT III 1000V AC Max 1500VDC, 1000CAC between inputs
AC TRMS voltage measurement	3 ÷ 1000V
DC voltage measurement	3 ÷ 1500V
Insulation measurement test voltage	250, 500, 1000, 1500V DC
GFL function to locate the position of the fault in the string	●
P.I. polarisation index measurement	●
Dielectric absorption ratio D.A.R measurement	●
Continuity of protective conductors with 200mA	●
Auto power off	
Connection to PC with optical/USB cable	

GENERAL **SPECIFICATIONS**

Dimensions (L x W x H)	235 x 165 x 75mm
Weight (batteries included)	1.3 kg
Protection rating	IP40
Operating temperature	from 0°C to 40°C
Operating humidity	<80% RH
Power supply	6x1.5V type AA alkaline batteries or 6x1.2V type AA rechargeable NiMH batteries

ACCESSORIES

STANDARD **ACCESSORIES**

KITGSC4	Set of 4 banana cables 4mm + 4 alligator clips
KITPCMC4	Set of 2 adapters with single-end MC4 compatible connectors
VA507	Rigid carrying case
SP-5100	Set of straps for shoulder instrument use
C2006	Optics/USB connection cable
Complete user manual and management software available online	
Quick start guide	
Calibration report	

OPTIONAL **ACCESSORIES**

607-IECN	Connector with magnetic termination, Black
1066-IECN	Connector for cable extensions with banana, 4mm, Black
1066-IECR	Connector for cable extensions with banana, 4mm, Red
KITPVPROEXT20	2 extension cables banana pin - banana jack 20m (red and black)