

ISOLATION PROBE - HIGH VOLTAGES, STRONG MAGNETIC FIELDS, FLOATING AND LONG DISTANCES -



**SENDING SIDE:
ISOLATION UNIT
SE-6010**

Operational Temperature: -15°C~+50°C
Operating Humidity: 5%~80%RH (Non condensing)
Continuous operating time: 30 hours
(at normal temperature with 2 pcs batteries fully charged)
Dimension: 90W×203H×298Dmm
Weight: Approx. 2.4kg (Battery pack excluded)



**RECEIVING SIDE:
ISOLATION AMP
SE-6000**

4CHs
LAN controlled, USB memory
Operational Temperature: 0°C~40°C
Dimension: 226W×100H×366Dmm
Weight: Approx. 2.5kg

Product Name	Model No.
ISOLATION AMP (RECEIVING SIDE)	SE-6000
ISOLATION UNIT (SENDING SIDE)	SE-6010
Battery charger (2 pcs simultaneously rechargeable)	SE-603
Battery (1pc of SE-6010 comes as standard. Up to 2pcs connectable)	SE-601

Product Name	Model No.
Optical fiber cable (can be connected outdoors)	
3m	SE-605
10m	SE-606
50m	SE-607
200m	Ask your distributor

Item	Specifications
CMRR	100dB (at 80Hz)
Frequency band/Rising time	DC~30MHz (-3dB) /13.3ns (Representative value)
No. of Input CHs (Sending side)	1CH/Unit
Band limitation (-6dB/oct)	10MHz, 1MHz, 100KHz
Probe sense	Automatic detection. Manual setting
Input impedance	1MΩ±1%/20pF±2pF
Input range (Full scale)	±50mV~±50V ±40mV~±40V (for 8div. of Oscilloscope) Auto range function Over range detection function
Input coupling	DC, AC (lower limit<10Hz), GND
Max. Output voltage	±1V (50Ω) ±2V (1MΩ)
DC gain accuracy	At 1MΩ termination: ±1% (just after calibrated itself: ±0.3%)
Off set voltage range (Range)	±1V (~500mV), ±10V, ±100V (8V~)
Off set accuracy	±0.5%±5%FS±1mV (Input equivalent)
Max. Input voltage	400Vpeak
Power supply (Sending side) (Driving time)	Li-ion (1pc/Unit as standard) 2pcs (30H), 1 pc (15H)
No. of Output CHs (Receiving side)	4CH (4 Units can be used simultaneously.)
Automatic calibration	Calibration can be operated with each channel.
Propagation delay	1.089μs±0.015μs+5ns/m
Skew between CHs	Within 20ns (excluding delay between cables)

ISOLATION SYSTEM DM-900 / 900L / 910 / 910L / 400 / 400L / DM-8000H

NON-ISOLATED
ACQUISITION UNIT
DM-400/DM-400L
AC Power supply driven



**ISOLATION UNIT
DM-900/900L/910/910L
Battery driven**

	ISOLATION UNIT		ACQUISITION UNIT
	DM-900/L	DM-910/L	DM-400/L (NON-ISOLATED)
Frequency band	500MHz		
Band limitation	20MHz, 100MHz		
Input impedance	1MΩ//16pF		
Max. Impedance voltage	400Vmax		
No. of Input CHs	2 (Non-isolated between CHs)	1+Zoom CH	2 (Non-isolated)
Input coupling	GND, DC1M, AC1MΩ	GND, DC1MΩ	GND, DC1M, AC1M, DC50Ω
Input sensitivity (Off set)	2mV-50mV/div (±1V) 100mV-500mV (±10V) 1V-10V/div (±100V)	50mV-500mV/div (±10V) 1V-5V/div (±100V)	2mV-50mV/div (±1V) 100mV-500mV (±10V) 1V-10V/div (±100V)
Zoom CH			
Input sensitivity (Off set)		2mV-20mV/div (±2V) 50mV-1V/div (±20V)	
Max. Sampling rate	2GS/s, 1GS/s (when 2chs are used)	1GS/s	2GS/s, 1GS/s (when 2chs are used)
Voltage resolution	8bit	8bit+8bit (Zoom)	8bit
Max. memory length	500k points, 16M points (L type)		
In-built battery	3pcs (operates with 1pc), Approx. 12H continuous operation)		
External dimensions mm/mass	Approx. 122W-258H-544D / Approx. 7kg (Excluding battery 660g/pc)		Approx. 96W-172H-323D / 2.6kg
Accessories	Battery pack 3pcs, Power supply cable 1pc		Power supply cable 1pc

DIGITAL OSCILLOSCOPE DS-5600 / DS-5400A



Model Name	Band	No. of CHs	Max. Sampling rate	Memory length
DS-5654	DC-500MHz	4	2GS/s(2CH), 1GS/s(4CH)	5M/2CH, 2.5M/4CH
DS-5652	DC-500MHz	2	2GS/s(1CH), 1GS/s(2CH)	5M/1CH, 2.5M/2CH
DS-5634	DC-350MHz	4	2GS/s(2CH), 1GS/s(4CH)	5M/2CH, 2.5M/4CH
DS-5632	DC-350MHz	2	2GS/s(1CH), 1GS/s(2CH)	5M/1CH, 2.5M/2CH
DS-5624	DC-200MHz	4	2GS/s(2CH), 1GS/s(4CH)	5M/2CH, 2.5M/4CH
DS-5622	DC-200MHz	2	2GS/s(1CH), 1GS/s(2CH)	5M/1CH, 2.5M/2CH
DS-5614	DC-100MHz	4	2GS/s(2CH), 1GS/s(4CH)	5M/2CH, 2.5M/4CH
DS-5612	DC-100MHz	2	2GS/s(1CH), 1GS/s(2CH)	5M/1CH, 2.5M/2CH
DS-5424A	DC-200MHz	4	2GS/s(2CH), 1GS/s(4CH)	500k/4CH
DS-5422A	DC-200MHz	2	2GS/s(1CH), 1GS/s(2CH)	500k/2CH
DS-5414A	DC-100MHz	4	2GS/s(2CH), 1GS/s(4CH)	500k/4CH
DS-5412A	DC-100MHz	2	2GS/s(1CH), 1GS/s(2CH)	500k/2CH

IWATSU

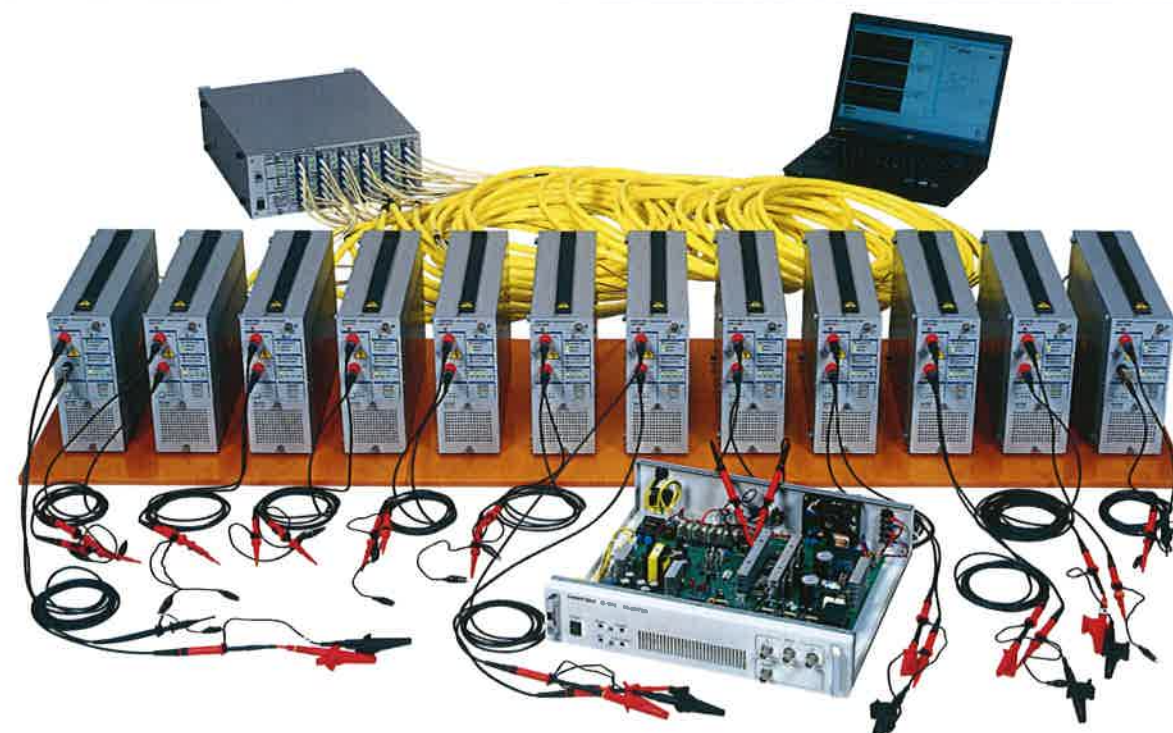
**JECM-K
INSTRUMENTS**

THE BEST SOLUTION FOR ISOLATION MEASUREMENT

ISOLATION PROBE 30MHz



ISOLATION MEASUREMENT SYSTEM 500MHz MAX. 24CHs



The picture above shows that Insulation cases are taken off from the Isolation Units. The products are normally covered by Insulation cases.

IWATSU <http://www.iti.iwatsu.co.jp/>
IWATSU TEST INSTRUMENTS CORP.
Sales Dept.
International Sales Section
7-41, 1-Chome Kugayama, Suginami-Ku,
Tokyo, 168-8511 Japan
Tel: +81-3-5370-5483 Fax: +81-3-5370-5492

长沙力高捷创仪器有限公司
电话: 0731-85260926
地址: 长沙市雨花区韶山南路
亚商国际大厦A座2524室
网址: www.jectronic.com
邮箱: yujin.wu@miko.com.cn

CS(IG)1506-8407-1-00
8511-3113-0
PE15003E-101

