

# Multi-Product Calibrators



**2000 Series**

**Solutions  
in  
Calibration**

# 2006A/2041A/2050 Multi-Product Calibrators



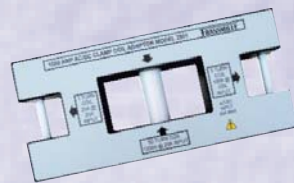
- 5** ppm Accuracy Model 2006A
- 25** ppm Accuracy Model 2041A
- 50** ppm Accuracy Model 2050
- V** AC / DC Voltage to 1000V
- I** AC / DC Current to 20A
- Ω** 2 & 4 Wire Resistance to 1GΩ\*
- F** Capacitance to 100uF\*
- H** Inductance to 10H\*\*
- Hz** Frequency to 10MHz\*\*
- Pf** PT100 Simulation\*\*
- RS 232** Standard RS232 Interface
- GPIB** GPIB Interface (Optional)
- W** Power Calibration Option
- O** Oscilloscope Calibration Option
- A** Automated Calibration using ProCal Calibration Software



## Expanded workload coverage using external adapters...



**Power Supply Calibration Adaptor**



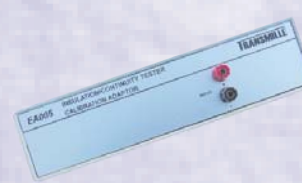
**1 / 5 / 50 Turn Clamp Coil Adaptor**



**Thermocouple Simulation Adaptor**



**Optical Tachometer Calibration Adaptor**



**Continuity & Insulation Adaptor**



**High Resistance & pA Measurement Adaptor**



**Pressure & Torque Calibration Kits**

### OSCILLOSCOPE & POWER CALIBRATION

To extend the functionality of the 2000 Series calibrators, two retro-fittable internal options are available. A full function oscilloscope calibration option provides time markers to 2ns, amplitude to 300V pk-pk, 50V/Div and a leveled sweep output to 600MHz. A power calibration option enables simultaneous output of voltage up to 1000V and current up to 1000A using the clamp coil adaptor with adjustable phase relationship.

### ADVANCED TECHNOLOGY

The 2000 Series Calibrators use the latest technology from the reference source to the front panel design to give outstanding accuracy and performance. The latest foil resistors and an ultra linear D/A design ensures stable, low noise outputs suitable for today's calibration requirements.

### Source & Measure Calibration

Plugging into the feature connector, calibration adaptors use the 2000 series high accuracy A/D convertor to measure as well as source which dramatically extends the range of instruments that can be calibrated, including...

Process Control Calibrators • Thermocouple Simulators • Power supplies • Continuity & Insulation Testers • Current Shunts • PicoAmp Meters • High Resistance Boxes • Electrometers

### INTERFACE RS232 • USB • GPIB

The standard Rs232 interface allows full control of the calibrator using a simple high level command language. RS232 ports are standard on all PCs allowing direct connection to your computer without the expense of buying an interface card. In addition, for field use the calibrator can be used directly using a Laptop PC. USB or GPIB interface options are also available.

### Pressure & Torque Calibration

Using the feature connector, a wide range of transducers can be used by the 2000 series calibrator & PC software for the calibration of pressure, torque, temperature etc.

A range of pressure transducers and a manual handpump system are available to allow turn-key solutions for pressure calibration.

### PORTABLE

Developed for both laboratory and on site calibration, the 2000 series packs full calibration functionality into a briefcase size box. After a fast warm up time the 2000 series is ready to start work. The modern circuit design and use of low temperature coefficient components combined with the internal temperature monitoring and compensation allow the 2000 series calibrators to be used in uncontrolled environments.

- ANALOGUE & DIGITAL MULTIMETERS
- DIGITAL THERMOMETERS
- OPTICAL TACHOMETERS
- FREQUENCY COUNTERS
- CHART RECORDERS
- LOW OHM METERS
- POWER METERS
- CLAMP METERS
- OSCILLOSCOPES
- RLC METERS
- POWER SUPPLIES

CALIBRATES...

\*2050 Limited range

\*\*Not available for 2050



# 2006A/2041A/2050 Multi-Product Calibrators

## The World's First Truly Portable Calibration System

- Ideal for On-Site calibration
- Ultra portable (12.5kgs)
- Custom Carry Case with Front & Rear access
- Laptop extender case for a complete system solution



The world's only truly portable calibration system enables for the first time calibration work to be performed in-situ saving both time and inconvenience for military, marine, aerospace and industrial applications.

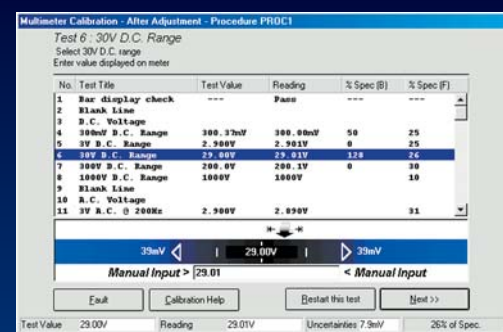
The small footprint of the calibrator makes it ideal for use in confined spaces. Operation from within the custom carry case, together with a laptop PC eliminates lengthy setup delays.

## Professional Calibration Software For WINDOWS™

The calibration suite from Transmille provides solutions for automated calibration systems, from basic stand-alone systems up to fully integrated network systems incorporating calibration and job control.

### ProCal

- Produces certificates for Electrical, Mechanical, Dimensional and Pressure Instrumentation.
- Supports instrumentation from a wide range of manufacturers
- Fast generation of procedures using Procedure Builder Wizard.
- Expanding procedure library accessible via the Internet

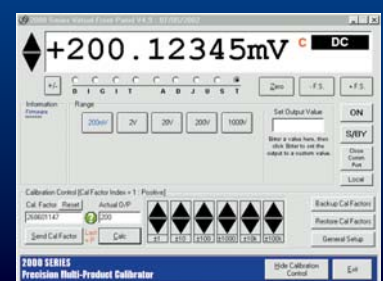


### ProCal - Track

- Comprehensive job handling and control package.
- Network ready with full integration with ProCal.
- 'Virtual' On-Screen job sheet.
- Paperwork including job sheets, service logs and dispatch notes
- Produces reports and stores instrument history as required by ISO 9000.

### 2000 Series Virtual Front Panel

- The Virtual Front Panel allows full control of all calibrator functions from a P.C.
- Expands the functionality of the 2000 Series calibrators (with optional adaptors)
- Incorporates a calibration control panel to simplify the task of recalibration.



# 2000 SERIES OPTIONS GUIDE

VISIT OUR WEB SITE FOR FULL DETAILS



### OSCILLOSCOPE CALIBRATION up to 600MHz

A retro-fittable option which installs internally to extend the capabilities of the 2000 series calibrators for calibration of analogue, digital and storage oscilloscopes and scopemeters. Features include time markers to 2ns and amplitude to 400 Volts pk-pk allowing calibration of oscilloscopes up to 50V/Div. A leveled sweep sine wave output allows bandwidth calibration to 600MHz (2006A / 2041A) or 250MHz (2050).  
Specifications: Time Markers 2ns to 5s/Div @ 5ppm : Amplitude 2mV to 50V/Div @ 0.01%



### POWER CALIBRATION

A retro-fittable option which extends the capabilities of the 2000 series calibrators to enable simultaneous output of AC Voltage up to 1000V and AC Current up to 1000A using the clamp coil adaptor with adjustable phase relationship.  
Best power accuracy 0.14% : Phase angle 0 to 359.9°, resolution 0.1°



### 1/5/50 TURN CLAMP COIL ADAPTOR

A uniquely designed high accuracy clamp coil adaptor (shown right) for use with the 2000 Series calibrators. Three separate coils are built into a custom designed enclosure enabling the testing of a wide range of clamp meters including meters with a narrow jaw opening.

### POWER SUPPLY CALIBRATION ADAPTOR

An external option for 2006 / 2041 providing calibration for bench power supplies. Provides current load to 4A and voltage measurement to 33V. Must be used in conjunction with the 2000 Series Virtual Front Panel or ProCal software.



### TEMPERATURE ADAPTOR

A high accuracy thermocouple simulator for thermocouples types K, J, T, R, S, E, N and B which connects to the calibrator via the 'feature connector'. Incorporated is an industry standard thermocouple plug for direct connection to thermocouple input sockets with integral temperature sensor for accurate cold junction compensation.



### PRESSURE/TORQUE CALIBRATION KITS

Options for 2006A / 2041A providing calibration for either pressure or torque using the appropriate transducer. Pressure kit comprises of a pressure transducer, handpump & a selection of BSP connectors. Must be used in conjunction with the 2000 Series Virtual Front Panel or ProCal software.



### ADDITIONAL OPTIONS

see options specifications booklet for further details

- **GPIB (IEEE488) Interface**
- **Inductance Calibration Module** : 8 Precision Values from 1mH to 10H, 0.5% Accuracy
- **PRT Resistance Thermometer Calibration Module** : 8 Precision Values from -100°C to +800°C
- **Optical Tachometer Calibration Adaptor** : 240 RPM to 60,000 RPM, 0.02% Accuracy
- **Insulation / Continuity Calibration Adaptor** : Continuity I & IO : Insulation 100k to 100M 0.1% acc.
- **Programmable Switch /Scanner Unit** : 2x High Current, 2x High voltage & 4x Signal Channels
- **High Resistance / pA Measurement Adaptor** : Measure high resistance to 10T and low currents to 0.1pA
- **Combined mV/mA/Ohms Measurement Adaptor** : Measure mV, V, mA & Thermocouple O/Ps, 0.01% Accuracy
- **High Voltage 10kVDC / 7.5kVAC Amplifier** : 1 to 10kV DC, 0.05% Accuracy : 1 to 7.5kV AC, 0.1% Accuracy
- **Capacitance and Inductance Measurement Bridge Adaptor** : Calibrate capacitance & inductance boxes
- **50A Stackable Transconductance Amplifier** : Calibrate high clamp meters & shunts, 0.08% Accuracy
- **pA Source Adaptor** : Calibrate electrometers, 4 ranges from 10nA to 10uA, 0.01pA resolution.

**For full options specifications please see the additional 2000 Series Specifications booklet or contact our sales office.**

Windows is a trademark of Microsoft corporation



# 2006A SPECIFICATIONS GUIDE

VISIT OUR WEB SITE FOR FULL DETAILS



D.C. Voltage Range	Resolution	Accuracy 1 Year (Set+Rng) ppm	Output Load Current
0 - 202.0000mV	1nV	8 + 2	1mA*
0.2 - 2.020000V	100nV	7 + 2	50mA
2 - 20.20000V	1uV	5 + 2	50mA
20 - 202.0000V	10uV	6 + 2	10mA
200 - 1020.000V	100uV	8 + 4	10mA

All specifications allow 2uV for lead and thermal emf effects.

\* Limited by 50 ohm output resistance on this range.

A.C. Voltage Range	Resolution	Frequency (2Hz Resolution)	Accuracy 1 Year (Set+Rng)ppm
0 - 202.000mV	100nV	10Hz to 30Hz	800 + 100
		30Hz to 1kHz	120 + 80
		1kHz to 10kHz	200 + 80
		10kHz to 60kHz	350 + 100
0.2 - 2.02000V	1uV	10Hz to 30Hz	650 + 80
		30Hz to 1kHz	100 + 50
		1kHz to 20kHz	210 + 80
		20kHz to 100kHz	600 + 190
2.0 - 20.2000V	10uV	10Hz to 30Hz	500 + 80
		30Hz to 1kHz	100 + 50
		1kHz to 20kHz	210 + 80
		20kHz to 100kHz	600 + 190
20 - 202.000V	100uV	30Hz to 1kHz	100 + 60
		1kHz to 10kHz	200 + 80
		10kHz to 40kHz	300 + 150
		40kHz to 10kHz	200 + 120
200 - 1020.00V	1mV	30Hz to 1kHz	100 + 100
		1kHz to 40kHz	350 + 250

All specifications +/- 20uV. All AC spec apply from 10% of F.S.

Resistance Range	Accuracy 1 year ppm	Current Maximum	Voltage Maximum
0	-	0.5A	
0.1	45	0.5A	0.05Volts
1	35	0.3A	0.3Volts
10	25	200mA	2Volts
100	15	50mA	5Volts
1k	8	10mA	10Volts
10k	8	3mA	30Volts
100k	10	1mA	100Volts
1M	25	0.1mA	100Volts
10M	95	10uA	100Volts
100M	390	1uA	100Volts
1G	9500	100nA	100Volts

4 wire connection. Allow 1mOhm on all resistance specs.

x3 Resistance (optional) Range	Accuracy 1 year %	Current Maximum	Voltage Maximum
30 300 3k			
30k 300k	0.02	10mA	10Volts

Frequency - TTL	Standard Spec.	Optional Spec.
10Hz - 10MHz	12ppm	1ppm

PWM (%)	
5% to 95%	Better than 0.001%

D.C. Current Range	Resolution	Accuracy 1 Year (Set + Rng) ppm	Burden Voltage
0-202.0000uA	10pA	45 + 10	4.2 Volts
0.2 - 2.020000mA	100pA	35 + 5	4.2 Volts
2 - 20.20000mA	1nA	20 + 3	4.2 Volts
20 - 202.0000mA	10nA	25 + 4	4.2 Volts
0.2 - 2.020000 A	100nA	85 + 12	4.2 Volts
2 - 20.20000A	1uA	170 + 20	3.9 Volts

All specifications +/- 4nA.

A.C. Current Range	Resolution	Frequency (2Hz Resolution)	Accuracy 1 year (Set+Rng)%
10 - 202.000uA	1nA	10Hz to 30Hz	0.18 + 0.08
		30Hz to 1kHz	0.07 + 0.05
		1kHz to 10kHz	0.7 + 0.08
0.2 - 2.02000mA	10nA	10Hz to 30Hz	0.18 + 0.08
		30Hz to 1kHz	0.07 + 0.02
		1kHz to 10kHz	0.5 + 0.05
2 - 20.2000mA	100nA	10Hz to 30Hz	0.18 + 0.08
		30Hz to 1kHz	0.03 + 0.01
		1kHz to 10kHz	0.3 + 0.05
20 - 202.000mA	1uA	10Hz to 30Hz	0.18 + 0.08
		30Hz to 1kHz	0.03 + 0.01
		1kHz to 5kHz	0.3 + 0.05
0.2 - 2.02000A	10uA	10Hz to 30Hz	0.18 + 0.08
		30Hz to 1kHz	0.03 + 0.01
		1kHz to 2kHz	0.5 + 0.1
2 - 20.2000A	100uA	30Hz to 500Hz	0.08 + 0.01
		500Hz to 1kHz	0.2 + 0.05

All specifications +/- 650nA. Loads must be Non Inductive. High current output is limited to maximum of 2 mins. All AC spec apply from 10% of F.S.

Maximum Burden Voltage Range	DCI	ACI (RMS)
0 - 0.2Amps	4.2 Volts	3 Volts
0.2 - 2Amps	4.2 Volts	3 Volts
2 - 20Amps	3.9 Volts	2.8 Volts

Typical Output Resistance Range	Resistance
200mV	50 ohms
0.2 - 20V	0.2 ohms
20V - 1000V	0.5 ohms

Capacitance Range	Accuracy 1 year %	Volts. Maximum
1nF	0.2	50V
10nF	0.2	50V
20nF	0.2	50V
50nF	0.2	50V
100nF	0.25	50V
1uF	0.4	30V
10uF	0.6	20V
100uF	0.8	10V

All specifications allow 20pF for lead effects

Specifications apply at 1kHz.

All specifications relative to calibration standards Warm up Time: 20 Minutes to full specifications

Temperature Coefficient Outside Tcal: 0.18 x 1 year spec : Tcal 18°C to 25°C Due to continuous development specifications may be subject to change. Accuracy specifications apply under typical dmm loading conditions

# 2041A SPECIFICATIONS GUIDE

VISIT OUR WEB SITE FOR FULL DETAILS



D.C. Voltage Range	Resolution	Accuracy 1 Year (Set+Rng) ppm	Output Load Current
0 - 202.0000mV	0.1uV	30 + 3	1mA*
0.2 - 2.020000V	1uV	30 + 3	50mA
2 - 20.20000V	10uV	25 + 3	50mA
20 - 202.0000V	100uV	30 + 3	10mA
200 - 1020.000V	1mV	30 + 6	10mA

All specifications allow 3uV for lead and thermal emf effects.

\* Limited by 50 ohm output resistance on this range.

A.C. Voltage Range	Resolution	Frequency (2Hz Resolution)	Accuracy 1 Year (Set+Rng)%
0 - 202.000mV	1uV	10Hz to 30Hz	0.2 + 0.08
		30Hz to 1kHz	0.04 + 0.01
		1kHz to 10kHz	0.06 + 0.04
		10kHz to 40kHz	0.1 + 0.07
0.2 - 2.02000V	10uV	10Hz to 30Hz	0.14 + 0.09
		30Hz to 1kHz	0.04 + 0.008
		1kHz to 20kHz	0.09 + 0.04
		20kHz to 100kHz	0.23 + 0.18
2.0 - 20.2000V	100uV	10Hz to 30Hz	0.14 + 0.09
		30Hz to 1kHz	0.03 + 0.008
		1kHz to 20kHz	0.09 + 0.04
		20kHz to 100kHz	0.23 + 0.18
20 - 202.000V	1mV	30Hz to 1kHz	0.04 + 0.01
		1kHz to 10kHz	0.06 + 0.04
		10kHz to 20kHz	0.1 + 0.05
		20kHz to 10kHz	0.04 + 0.02
200 - 1020.00V	10mV	30Hz to 1kHz	0.04 + 0.02
		1kHz to 10kHz	0.15 + 0.1

All specifications +/- 20uV. All AC spec apply from 10% of F.S.

Resistance Range	Accuracy 1 year %	Current Maximum	Voltage Maximum
0	-	0.5A	
0.1	0.015	200mA	2Volts
1	0.01	200mA	2Volts
10	0.005	50mA	5Volts
1k	0.004	10mA	10Volts
10k	0.004	3mA	30Volts
100k	0.004	1mA	100Volts
1M	0.01	0.1mA	100Volts
10M	0.035	10uA	100Volts
100M	0.3	1uA	100Volts
1G	1	100nA	100Volts

4 wire connection. Allow 1mOhm on all resistance specs.

x3 Resistance (optional) Range	Accuracy 1 year %	Current Maximum	Voltage Maximum
30 300 3k			
30k 300k	0.02	10mA	10Volts

Frequency - TTL	Standard Spec.	Optional Spec.
10Hz - 10MHz	12ppm	1ppm

PWM (%)	
5% to 95%	Better than 0.001%

D.C. Current Range	Resolution	Accuracy 1 Year (Set + Rng) %	Burden Voltage
0-202.0000uA	100pA	0.01 + 0.008	4.2 Volts
0.2 - 2.020000mA	1nA	0.008 + 0.002	4.2 Volts
2 - 20.20000mA	10nA	0.005 + 0.002	4.2 Volts
20 - 202.0000mA	100nA	0.008 + 0.002	4.2 Volts
0.2 - 2.020000 A	1uA	0.015 + 0.002	4.2 Volts
2 - 20.20000A	10uA	0.04 + 0.002	3.9 Volts

All specifications +/- 4nA.

A.C. Current Range	Resolution	Frequency (2Hz Resolution)	Accuracy 1 year (Set+Rng) %
10 - 202.000uA	1nA	10Hz to 30Hz	0.2 + 0.08
		30Hz to 1kHz	0.09 + 0.02
		1kHz to 2kHz	1.0 + 0.2
0.2 - 2.02000mA	10nA	10Hz to 30Hz	0.2 + 0.08
		30Hz to 1kHz	0.09 + 0.01
		1kHz to 10kHz	0.4 + 0.1
2 - 20.2000mA	100nA	10Hz to 30Hz	0.2 + 0.08
		30Hz to 1kHz	0.09 + 0.01
		1kHz to 10kHz	0.4 + 0.1
20 - 202.000mA	1uA	10Hz to 30Hz	0.2 + 0.08
		30Hz to 1kHz	0.09 + 0.01
		1kHz to 2kHz	0.4 + 0.1
0.2 - 2.02000A	10uA	30Hz to 1kHz	0.09 + 0.01
		1kHz to 1kHz	0.7 + 0.2
		30Hz to 500Hz	0.1 + 0.01

All specifications +/- 650nA. Loads must be Non Inductive. High current output is limited to maximum of 2 mins. All AC spec apply from 10% of F.S.

Maximum Burden Voltage Range	DCI	ACI (RMS)
0 - 0.2Amps	4.2 Volts	3 Volts
0.2 - 2Amps	4.2 Volts	3 Volts
2 - 20Amps	3.9 Volts	2.8 Volts

Typical Output Resistance Range	Resistance
200mV	50 ohms
0.2 - 20V	0.2 ohms
20V - 1000V	0.5 ohms

Capacitance Range	Accuracy 1 year %	Volts. Maximum
1nF	0.25	50V
10nF	0.25	50V
20nF	0.25	50V
50nF	0.25	50V
100nF	0.25	50V
1uF	0.4	30V
10uF	0.6	20V
100uF	0.8	10V

All specifications allow 20pF for lead effects : Specifications apply at 1kHz.

All specifications relative to calibration standards Warm up Time: 20 Minutes to full specifications Temperature Coefficient Outside Tcal: 0.18 x 1 year spec : Tcal 17°C to 27°C Due to continuous development specifications may be subject to change. Accuracy specifications apply under typical dmm loading conditions

D.C. Voltage Range	Resolution	Accuracy 1 Year (Set+Rng) ppm	Output Load Current
0 - 202.0000mV	0.1uV	60 + 5	1mA*
0.2 - 2.020000V	1uV	60 + 5	50mA
2 - 20.20000V	10uV	50 + 4	50mA
20 - 202.0000V	100uV	70 + 5	10mA
200 - 1020.000V	1mV	70 + 10	10mA

All specifications allow 5uV for lead and thermal emf effects.

\* Limited by 50 ohm output resistance on this range.

D.C. Current Range	Resolution	Accuracy 1 Year (Set + Rng) %	Burden Voltage
0-202.0000uA	100pA	0.015 + 0.01	4 Volts
0.2 - 2.020000mA	1nA	0.012 + 0.005	4 Volts
2 - 20.20000mA	10nA	0.012 + 0.005	4 Volts
20 - 202.0000mA	100nA	0.15 + 0.005	4 Volts
0.2 - 2.020000 A	1uA	0.05 + 0.005	2 Volts
0 - 20.20000A	10uA	0.08 + 0.008	1 Volt

All specifications +/- 4nA.

A.C. Voltage Range	Resolution	Frequency	Accuracy 1 Year (Set+Rng)%
0 - 202.000mV	1uV	40Hz to 1kHz	0.08 + 0.015
		1kHz to 10kHz	0.1 + 0.06
0.2 - 2.02000V	10uV	40Hz to 1kHz	0.08 + 0.012
		1kHz to 10kHz	0.1 + 0.06
2.0 - 20.2000V	100uV	40Hz to 1kHz	0.07 + 0.012
		1kHz to 10kHz	0.1 + 0.05
20 - 202.000V	1mV	40Hz to 1kHz	0.08 + 0.015
		1kHz to 10kHz	0.1 + 0.06
200 - 1020.00V	10mV	40Hz to 1kHz	0.08 + 0.03

All specifications +/- 20uV. All AC spec apply from 10% of F.S.

A.C. Current Range	Resolution	Frequency	Accuracy 1 year (Set+Rng) %
10 - 202.000uA	1nA	40Hz to 500Hz	0.1 + 0.06
0.2 - 2.02000mA	10nA	40Hz to 500Hz	0.1 + 0.05
2 - 20.2000mA	100nA	40Hz to 500Hz	0.1 + 0.03
20 - 202.000mA	1uA	40Hz to 500Hz	0.1 + 0.03
0.2 - 2.02000A	10uA	40Hz to 500Hz	0.15 + 0.05
2 - 20.2000A	100uA	40Hz to 500Hz	0.2 + 0.1

All specifications +/- 650nA. Loads must be Non Inductive.

High current output is limited to maximum of 2 mins.

All AC spec apply from 10% of F.S.

Capacitance Range	Accuracy 1 year %	Volts. Maximum
10nF	0.4	50V
1uF	0.6	30V

All specifications allow 20pF for lead effects  
Specifications apply at 1kHz.

Due to continuous development specifications may be subject to change.  
Accuracy specifications apply under typical dmm loading conditions

All specifications relative to calibration standards  
Warm up Time: 20 Minutes to full specifications  
Temperature Coefficient Outside Tcal: 0.18 x 1 year spec : Tcal 17°C to 30°C

2 Wire Resistance Range	Accuracy 1 year %	Current Maximum	Voltage Maximum
10	0.05	200mA	2Volts
100	0.008	50mA	5Volts
1k	0.005	10mA	10Volts
10k	0.005	3mA	30Volts
100k	0.005	1mA	100Volts
1M	0.01	0.1mA	100Volts
10M	0.05	10uA	100Volts

Allow 35mOhm on all resistance specs.

### General Specifications 2006A / 2041A / 2050

Line Power 230V / 110V 50Hz / 60Hz  
Dimensions 14cm x 43cm x 46cm  
Weight 3U rack mount kit option 12.5kgs

Marking CE Marked  
Warranty 3 Years  
Warm up Time Double the time since last used (20 min max.)  
Interface RS-232 (standard) • GPIB/USB (optional)

## ORDERING INFORMATION

2006A AC/DC Multiproduct Calibrator (5ppm)  
2041A AC/DC Multiproduct Calibrator (25ppm)  
2050 AC/DC Multiproduct Calibrator (50ppm)

Option SCP 600MHz Oscilloscope Calibration Module (internally installed)  
Option PWR6 Power Calibration Module for 2006A (internally installed)  
Option PWR41 Power Calibration Module for 2041A (internally installed)  
Option SCP-PWR Combined Scope & Power Calibration Module for 2050  
Option PSU Power Supply Calibration Adaptor  
Option THER Thermocouple Simulation Adaptor with internal CJC Readback  
Option TACH External Optical Tachometer Adaptor  
Option IND Inductance Calibration Module (internally installed)  
Option PRT PRT Module (internally installed)  
Option FRQ High Stability Crystal Reference (internally installed)  
Option COIL 1 / 5 / 50 Turn Coil for Power / Clamp meters  
Option CASE Carry Case (soft)

UKAS2006 2006A AC/DC Multiproduct Calibrator UKAS Certification  
UKAS2041 2041A AC/DC Multiproduct Calibrator UKAS Certification  
UKAS2050 2050 AC/DC Multiproduct Calibrator UKAS Certification

## SOFTWARE for Windows™95 or Higher

ProCal Lite Calibration Software for use ONLY with Transmille calibrators  
ProCal Calibration Software  
ProCal-Track Laboratory Management Software  
Virtual Front Panel Remote & Extended operation and calibration software for 2000 Series



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