

TRANSMILLE PRODUCT GUIDE 2026

PROVIDING SOLUTIONS IN CALIBRATION WORLDWIDE

www. transmille.com

2026 Shortform V1 - April 2026

PRODUCT MATRIX

WORKLOAD CHART	MULTIPRODUCT CALIBRATORS				ELECTRICAL TEST CALIBRATOR
	1000	3000A	4600	9000A	3200B/3200C
					
DMMS					
Up to 4.5 Digits	T	T	T	T	
Up to 5.5 Digits		T	T	T	
Up to 6.5 Digits		T	T		
Up to 7.5 Digits		T	T		
TEMPERATURE/PRESSURE					
PRT/RTD Simulation	T	A	T	A	
Thermocouple Simulation	T	A	T + A	A	
Thermocouple Measure	A	A	T + A	A	
Pressure Modules	A	A	A	A	
OSCILLOSCOPES					
Up to 600 MHz		A	A	A	
Up to 3 GHz			A		
SAFETY TESTERS					
HiPot / Breakdown Tester					A
Megohm Meters	A	A	A	A	T
Insulation Resistance	A	A	A	A	T
Loop Impedance / Resistance					T
Continuity Resistance	A	A	A	A	T
RCD / GFI Testers					T
Installation Testers / MFT's					T
Portable Appliance Testers (PAT's)					T
Earth Bond					T
Flash Testers					A
Leakage Current					T
POWER/ENERGY					
Wattmeters		A	A	A	
Power Meters		A	A	A	
Harmonic Analysers		A	A	A	
Power Analysers		A	A	A	
OTHER					
Frequency Counters	T	T	T	T	
Process Meters (Measure Functions)	A	A	A	A	
Clamp Meters	A	A	A	A	
Optical Tachometers	A	A	A	A	
Picoamp Source		A	A	A	
Picoamp Meter		A	A	A	
Torque Measurement		A	A	A	
Environmental Condition		A	A	A	
High Current to 100A DC, 70A AC		A	A	A	
Clamp Meters to 2000A DC & AC		A	A	A	
Power Supply (to 60A)		A	A	A	
High Voltage Probes		A	A	A	
LCR Meter (Inductance Functions)		A		A	

T = Function Included as Standard

T + A = Internal/External option available for Function

MULTIPRODUCT CALIBRATORS

- Transmilles highest performance Multiproduct Calibrator
- Simplified Calibration process reducing complexity & turnaround time
- Expanded AC Voltage Bandwidth and ranges
- Integrated Thermocouple Source & Measurement Capability
- Compatible with external adapters to extend workload
- 2, 4 and 2 Wire Compensated Variable Resistance
- Variable Capacitance from 300pF to 100mF
- High Bandwidth Oscilloscope Calibration options
- USB & GPIB Interfaces as standard

4600A SERIES ADVANCED MULTI PRODUCT CALIBRATOR



3000A SERIES MULTIPRODUCT CALIBRATOR



A MODEL FOR EVERY REQUIREMENT

The 3000A series is available in three models from the industrial grade 3050A to the laboratory standard 3010A

- Wide workload coverage with internal/external adapters
- Full output protection through I-Guard system
- Fully automated calibration with ProCal Software suite via USB interface (GPIB and RS232 Options)
- Available as a transportable system as the 9000A series

3 MODELS			
MODEL	3010A	3041A / 9041A	3050A / 3050A
ACCURACY	8 ppm	25 ppm	50 ppm
VOLTAGE	1025V	1025V	1025V
CURRENT	30A	30A	22A
RESISTANCE	1 GΩ	1 GΩ	100 MΩ

EXPANDED CAPABILITY THROUGH OPTIONS

The 1000, 3000A, 4600A and 9000A can have their workload coverage expanded through a range of external and internal options including

- Oscilloscope (3000A/4600A/9000 Only)
- Insulation (1000 Series Internal, Others External)
- Optical Tachometer & Moore



PRECISION MULTIMETERS & REFERENCES



8100 SERIES ADVANCED DIGITAL MULTIMETER

- 4/9 ppm 8.5 and 7.5 Advanced Digital Multimeters
- AC/DC Voltage 0-1000V
- AC/DC Current 0-30A
- Programmable Front/ Rear terminals included as standard for 8104 models enables ratio measurements to be performed

- Uncertainty display for fast indication of measurement accuracy
- PRT measurement with support for ITS-90 and CVD co-efficients
- Thermocouple measurement with read back in °C, °F, °K and mV for over 10 thermocouple types, with automated cold junction measurement (option)

- USB, RS232, GPIB (IEEE488) and LAN Interfaces as standard, with compatability with multiple command languages
- Measure AC Currents up to 100kHz using the Transmille AC/DC Current Shunts with calculated measured current displayed directly on the screen





- Resistance measurement to 1 TOhm (8104)
- Screened BNC input terminals enable unparalelled high resistance measurement performance
- Measurement sub pA currents - replaces the need for a dedicated electrometer

8500 LOW THERMAL SCANNER



- Ultra low thermal 4mm binding posts providing less than 150nV of thermal EMF
- 10 independent isolated 4 wire channel connections

REFERENCES & STANDARDS

3000ZR PRECISION ZENER REFERENCE



- Four 10V/1.018V outputs offer stability better than 2ppm/year
- Battery backup for easy shipping
- Solid state Zener reference

3000RS PRECISION RESISTANCE STANDARD



- Values from 1Ω to 10 MΩ
- Ultra stable, low Temperature Co-efficient resistors remove requirement for oil/air baths
- Ideal working standards for laboratory use

3000CS PRECISION CURRENT SHUNT



- DC Current shunt array from 10 mA to 10A
- Excellent self heating properties removes requirements for active cooling
- Add additional current ranges to DMM's

3000HR PRECISION RESISTANCE STANDARD



- High resistance buildup box to 100 GOhm
- Traceable to 1 GOhm standard
- Ideal for calibration of high resistance/low current meters

AC/DC SHUNTS



- Range of AC/DC current shunts from 1mA to 100A
- Frequency range from DC to 30 kHz and above
- AC/DC difference as low as 1 ppm
- Ideal for calibration of high precision calibrators and DMMs

2090 PROGRAMMABLE RESISTANCE DECADE BOX



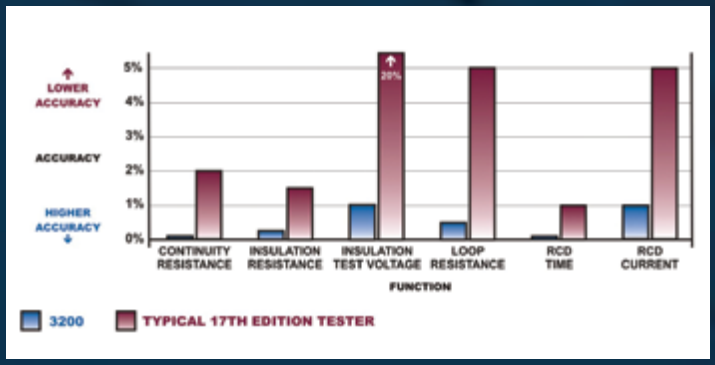
- 0.1Ω to 99.999kΩ
- Controlled via RS232 interface or Front Panel Controls
- Optional 0.01% Accuracy
- Ideal for ATE systems

Scan to see the full range

ELECTRICAL TEST / MULTIFUNCTION CALIBRATORS

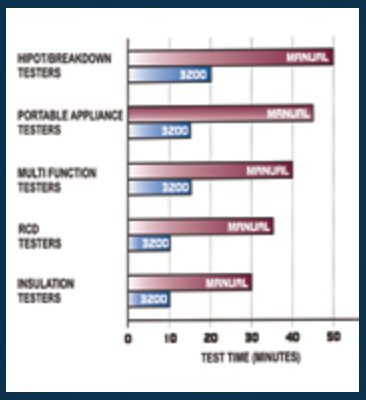
3200B/C ELECTRICAL TEST EQUIPMENT CALIBRATOR





Superior accuracy offering test uncertainty ratios (TUR) in excess of 4:1 for confident calibrations

- Insulation Resistance from 0.01 MOhm to 2 GOhm (10 GOhm option)
- Insulation Test Voltage measurement to 1kV (15kV with external Option)
- Variable Continuity Resistance from 0 Ohms to 50 kOhms
- Continuity Current measurement to 320mA
- Unique 'Plug Socket' allows testers to plug straight in. No more adapters or risk of incorrect connections



- Fast return on investment
- Calibration times down to 20 minutes or less
- Reduction in required test equipment

1000A PORTABLE MULTIPRODUCT CALIBRATOR



- The 1000 series multiproduct calibrators are available in either a transportable IP67 case with a weight of less than 10kg (ideal for onsite calibration) or as a benchtop version
- The 1000 series comes fitted with a USB interface making automating calibrations using Transmille ProCal software fast and low cost

- AC/DC Voltage to 1000V
- AC/DC Current to 10A
- 2 wire passive and variable resistance up to 100 MOhms
- Capacitance to 1uF
- The 1000 Series can be fitted with options to support calibration of Insulation Testers up to 1000V /1 GOhm

1000B BENCHTOP MULTIPRODUCT CALIBRATOR



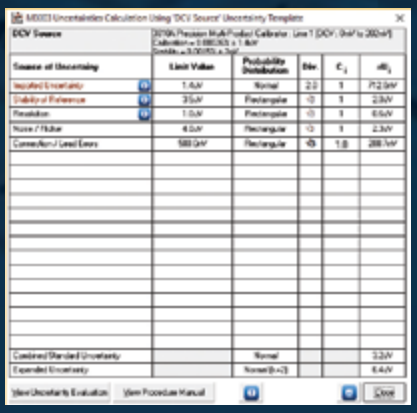
CALIBRATION SOFTWARE



PROCAL

- Transmille's ProCal software provides a cost effective and easy to use solution for automatic calibration
- Supplied with drivers for many instruments including Transmille equipment, Fluke multiproduct calibrators and multimeters, Keysight/Agilent multimeters and more
- Performs Electrical, Dimensional, Temperature, Pressure and many more types of calibration
- Uses Enterprise grade Microsoft SQL Server database for data integrity

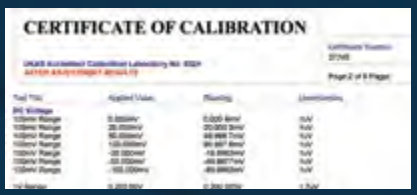
- ProCal's powerful automatic uncertainty system calculates uncertainties to the popular M3003/GUM system (ISO/IEC 17025 compliant)
- A full printout of each individual contribution of the uncertainty can be accessed, enabling verification of uncertainties and clear auditing



PROSITE PROWEB

- Expandable software with modules to add functions
- Perform on site calibrations with ProSite synchornisation software
- Generate and Host PDF certificates online with ProWeb

- A wide range of report templates are included, and with Crystal Reports (R) support, full customisation is available
- ProCal offers full support for Translation for use in any language





- Procedures are written via an easy to use graphical wizard.
- Custom prompts to aid technicians can include text, images or video
- Support for Closed Loop Calibration procedures with support for USB, RS232, GPIB and VISA communication protocols
- Hundreds of procedures included at no extra cost

- Automated asset management and tracking to assist running a busy laboratory
- Automate and standardisesoperating procedures for conformance to ISO quality standards
- Track full history of instruments and assets with ability to scan in documents and external certificates for safekeeping
- Generate and print labels with Barcode and QR Functionality
- Create Automated re-calibration reminders via email and physical letter



PROCAL-TRACK

ABOUT US

We truly believe in offering Solutions in Calibration, offering bespoke solutions for calibration laboratories and manufacturers across the globe. Our mission statement is not just a phrase, it is our design and support philosophy, offering support and advice that cannot be found elsewhere with a friendly atmosphere.

Transmille was founded in 1997 as a commercial calibration service, and soon after began to develop and manufacture a range of electrical calibration products and software to answer a growing requirement for solutions to common problems. Following this small beginning, Transmille has worked year on year to provide unique equipment and software to benefit calibration laboratories and manufacturers across the globe.

Ever since releasing the very first products Transmille have continued to innovate and develop new products for the metrology community, from world first products such as the 2100 Electrical Test Equipment calibrator, through to the worlds lowest cost multi product calibrator the 1000 series.

Transmille now produce over 600+ calibration instruments per year, shipping instruments to customers ranging from National Standards Laboratories and manufacturers through to small calibration test houses around the world.

An unrivalled commitment to quality and innovation drives Transmille forwards, with a dedicated design and support team in house with a combined experience of over 60 years in manufacture and design of electrical calibration products and software.

With 3 offices (UK, USA and India) and local representatives around the globe we can offer exceptional support to users big and small.



TRANSMILLE
SOLUTIONS IN CALIBRATION

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* Information is subject to change at any time and without notice. Transmille reserves the right to change product offerings specifications at any time