

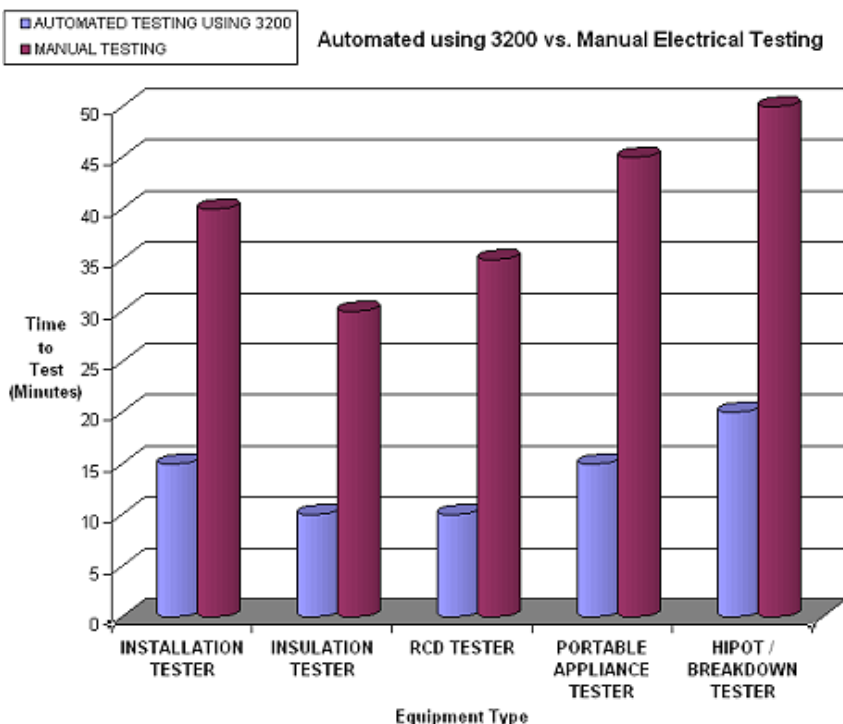


# 3200 Electrical Test Equipment Calibrator

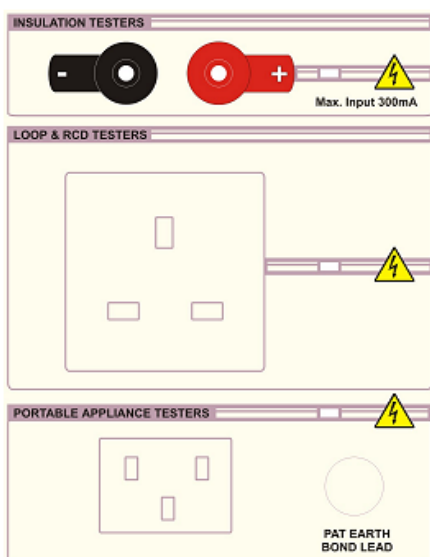
## KEY FEATURES OF THE TRANSMILLE 3200

### ▷ Reduced Calibration Time.

The well-established 3200 provides by far the fastest solution for the calibration of Loop & RCD Testers, PATS and insulation testers, and also one of the safest solutions for calibrating Hi Pot/Breakdown testers. With manual methods a Multifunction tester would typically take 40 minutes to calibrate, using the 3200 calibration would be typically 15 minutes.



### ▷ Safety



The use of dedicated mains type connectors for loop, RCD & PAT on the 3200 front panel avoids the need to make connection of mains voltages/power using 4mm type test leads. **THIS IS A VERY IMPORTANT SAFETY** feature of the 3200 as it eliminates any risk of shock to the engineer as connections are made with standard mains type plugs.

**Loop and RCD testers** can simply be plugged directly into the dedicated Front panel mains socket, the advantages of this are :

- Eliminates the risk of shock to the operator
- Removes the possibility of incorrect connection causing UUT damage.
- Faster calibration with easier connection, less training for operator.
- Reduced uncertainty with fewer connections for loop impedance calibration.

**PAT testers** plug directly to the 3200 IEC inlet socket using the calibrated lead supplied. The earth bond lead clips on to the earth bond post. (This post is electrically floating with respect to mains earth allowing calibration of Pat's, which cannot be used on earthed appliances). For Flash Voltage measurement the External measurement module allows the HV probe from the PAT to be pushed down onto a measurement point on the module, making the measurement as safe as possible, it can otherwise be difficult to connect to the HV point on a typical PAT Flash probe.

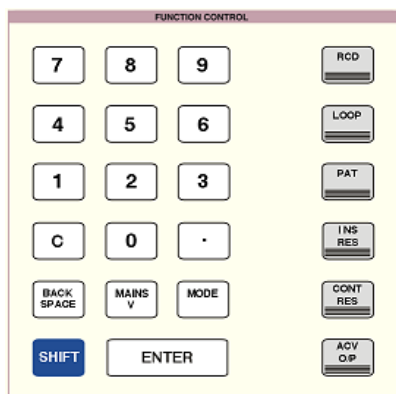




# 3200 Electrical Test Equipment Calibrator

## KEY FEATURES OF THE TRANSMILLE 3200

### ▷ Ease of Use



The 3200 is extremely simple to use, 6 main Keys select the required function, e.g. RCD, LOOP, PAT.. etc. Secondary measurements can then be selected from a soft menu under the display.

For example to calibrate an RCD, Plug the tester directly into the mains socket on the 3200 front panel, press the 'RCD' Key, enter the RCD current, and press test.

The measured current displays on the 3200, the trip time on the tester.

### ▷ Low cost of Ownership.

The list price of the 3200 is £5208, including a UKAS calibration certificate. ProCal calibration software is £1048. UKAS Recalibration cost £285. Just 1 to 2 calibrations per week over 3 years will provide a return on the investment :

Return On Investment Analysis		
Return	<b>75cal/year x £35avg cost x 3years</b>	<b>£7875</b>
System Cost	<b>£5208 + £285x2 + £1048</b>	<b>£6826</b>

### ▷ Easy to use low cost software.



The key to providing professional, cost effective calibration is automation by using software.

We believe the software is an important decision when choosing the hardware; Transmille ProCal has been proven in many labs both in UK and overseas to provide an easy to use package at an affordable price.

### ▷ Choice of Options

The 3200 is available with a wide choice of options to provide the most cost effective calibrator for the workload expected :



**BREAKDOWN/HIPOT  
TESTER CALIBRATION  
ADAPTER**



**5kV INSULATION  
TESTER  
ADAPTER**



**PAT FLASH  
ADAPTER**



**ProCal  
CALIBRATION  
SOFTWARE**



**REGIONAL  
RCD/PAT INPUT  
SOCKETS**



# 3200 Electrical Test Equipment Calibrator

## KEY FEATURES OF THE TRANSMILLE 3200

### ▷ **Portable, Ideal for on site calibration**

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Weight under 10Kgs plus a purpose designed case in which the 3200 can also be used makes the 3200 perfect for on site use.

### ▷ **Use on RCD Protected Supplies.**

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The 3200 can be supplied for either use on RCD Protected supplies or on unprotected as required.