

# 3200A Electrical Test Equipment Calibrator

Function	Range	Notes
Insulation Resistance	10MOhms – 2GOhms (10GOhms) 50V – 1000V (15kV)	Variable insulation resistance, with voltage measurement to verify output of insulation tester
Loop Resistance	0 Ohms to 1kOhm	Auto Loop option to automatically measure the local loop resistance value
RCD Testers	3mA – 3A 30ms – 5s ½ I, I, 5I current modes	Intelligent pre-test detection circuitry prevents incorrect readings

Function	Range	Notes
Earth Bond Resistance	0.05 Ohms to 1kOhm 1mA – 30A	Calibrate Earth testers, as well as earth bond functions of HiPot/Breakdown testers
PAT Leakage	2mA – 7.7mA	3 selectable current ranges
AC Voltage Output	100V – 400V	5 fixed AC voltage outputs enable verification of multifunction testers that can also measure AC voltage.

# Automatic Loop Correction

To simplify calibration of loop testers, the 3200A can be fitted with the Auto Loop option, enabling an automatic measurement of the local loop resistance

This simplifies determining the local loop value, and is ideal for on site work where the loop value needs to be measured each time the location of the equipment is changed.



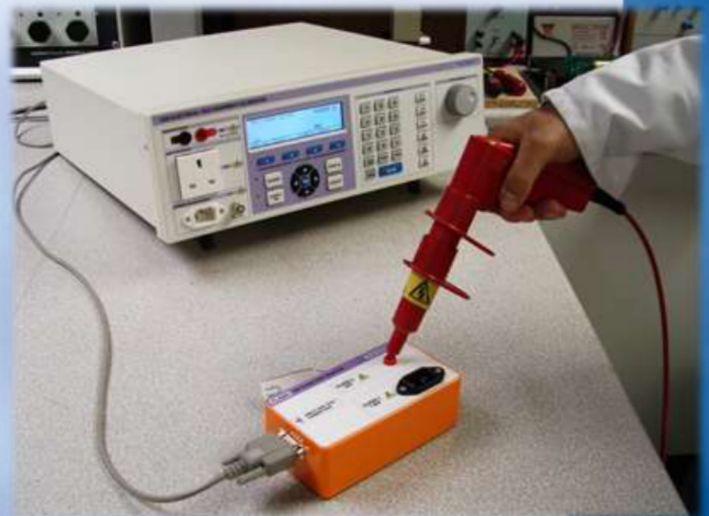
# Flash Tester Calibration

As new products emerge on the market, additional functions are added that must be tested.

Traditionally this means large capital expenses for new equipment, and additional staff training.

Using Transmille's series of external adapters, new requirements can easily be matched with minimal expenditure

The Transmille FLASH adapter meets the requirement to test flash test voltages of up to 3kV that can be generated by modern PAT testers



# Breakdown & HiPot Testers

Commercial manufacturers typically have electrical safety testers on assembly lines for ensuring that products are safe for end users.

These testers require routine certification to ensure correct operation and for compliance with international manufacturing standards (i.e. ISO 9001)



With the BREAKD option, verifying both the voltage output, and leakage current measurement circuitry can be performed in a cost effective manner, as well as ensuring the operators safety is maintained.

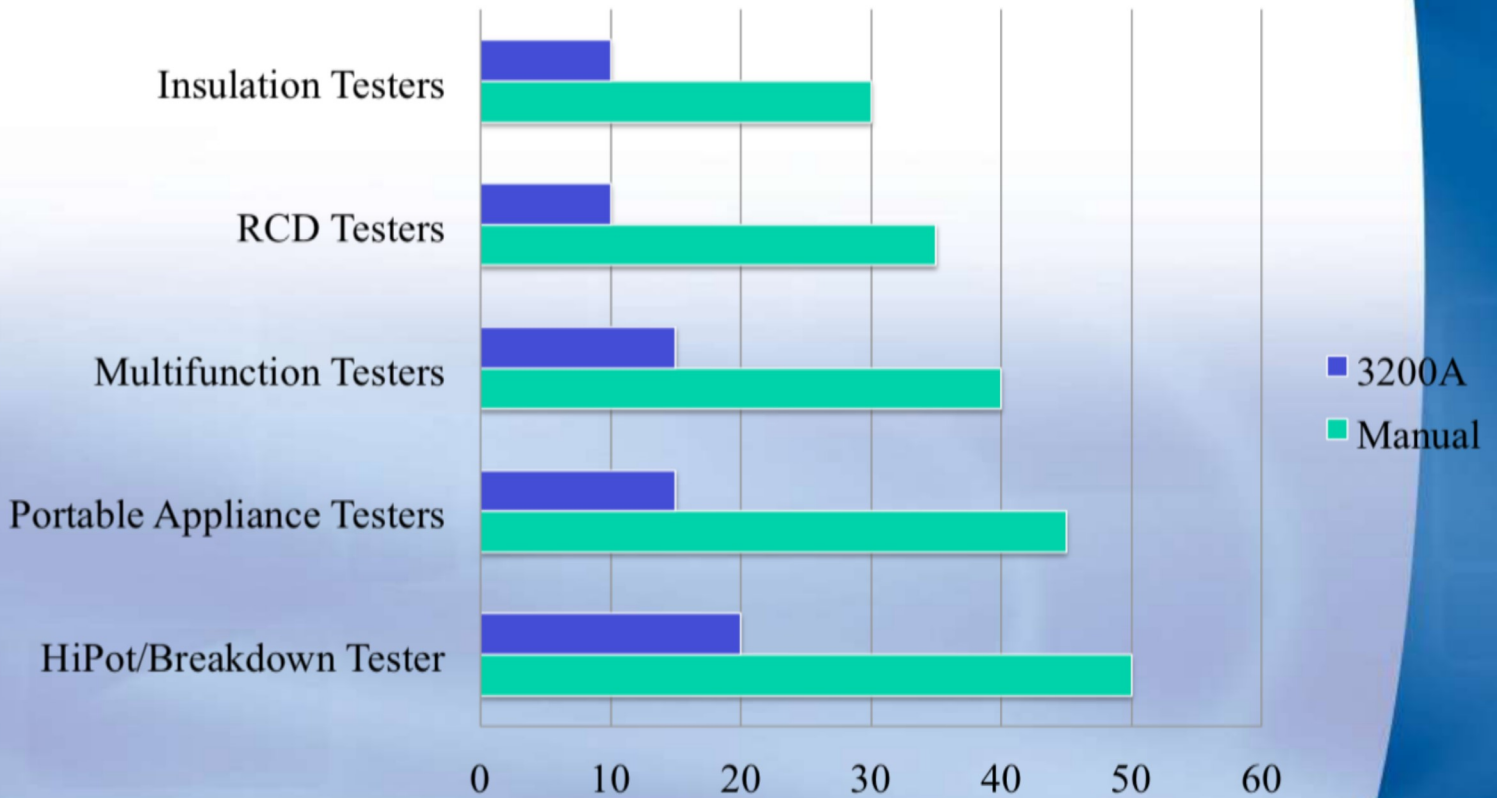
# High Voltage Insulation Testers

While the 3200A supports insulation testers with test voltages of up to 1000V, utilising the external HIRES adapter the maximum test voltage can be increased to 15kV

This also allows the 3200A to simulate insulation resistances of up to 1TOhm, calibrating even the highest ranges of high voltage insulation testers

# Fast, Accurate & Safe

Using the 3200A, perform calibrations in just 1/3<sup>rd</sup> of the time compared to manual calibrations





# Easy to Use

Transmilles unique solution for calibration of electrical test equipment features an easy and safe to use socket on the front panel.

This removes the requirement to make adapters or custom leads to connect to the calibrator

Ensuring the operators safety is Transmille's number one priority, and with the plug socket on the front panel Technicians are not put at risk of incorrect wiring on adapters or bare connections



# Instant Automation

The 3200A comes fitted with a USB interface as standard, allowing direct connection to computers without the requirement for expensive interfaces.

The 3200A is fully supported by Transmille's ProCal software, enabling procedures to be written in minutes.

