

The **I-GUARD** output protection system, fitted as standard on all 3000 Series multi product calibrators, protects the calibrator from damage from externally applied voltages to the calibrator terminals.

Any voltage above 12V AC/DC applied between the voltage, current or high current terminals will be automatically detected when the calibrator is switched from standby to output on. When voltage is detected, the calibrator remains in standby and the display indicates 'voltage on terminals'. Protection is also provided for voltages applied to the low terminal with respect to mains earth.

This unique feature of Transmille 3000 Series calibrators protects your investment against damage where often mains voltages are accidentally connected to the calibrators outputs, almost always causing significant and expensive damage to many makes of calibrators.

OUTPUT PROTECTION
BUILT IN SAFETY SYSTEM TO PREVENT DAMAGE TO THE CALIBRATOR CAUSED BY MAINS APPLIED TO THE OUTPUT TERMINALS



EXAMPLE 1
250V AC APPLIED TO THE OUTPUT TERMINALS WITH THE CALIBRATOR IN STANDBY



TURN THE OUTPUT ON...



OUTPUT PROTECTION SYSTEM ACTIVATES TO PREVENT DAMAGE TO CALIBRATOR - WARNING MESSAGE IS DISPLAYED

EXAMPLE 2
LIVE 230V AC APPLIED TO THE LOW TERMINAL



OUTPUT PROTECTION SYSTEM AGAIN ACTIVATES - A UNIQUE SYSTEM TO TRANSMILLE 3000 SERIES CALIBRATORS PROTECTING YOUR INVESTMENT IN INSTANCES WHERE CALIBRATORS ARE USUALLY SERIOUSLY DAMAGED