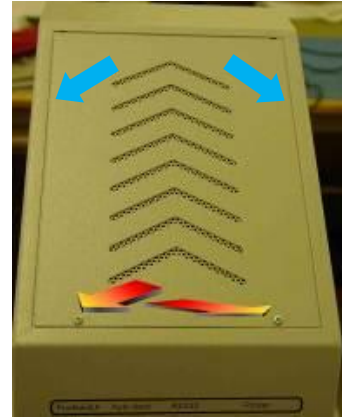


TruBurst won't switch on – Checking power supplies – TruBurst 600

WARNING: Any maintenance work undertaken on a James Heal instrument must be done so by a trained and competent person. Where electrical work is detailed, this should only be completed by a qualified engineer. James Heal is not responsible for damage or injury arising from work carried out by any person not qualified to do so. If in doubt, please contact James Heal or your local James Heal Agent.

1. Checking the power supply LEDs

Remove the 4 or 2 screws holding the top cover in place.



Either carefully suspend the cover by the earth wire, or, remove the wire from the cover.



The internal voltage levels are indicated by the LEDs on the main PCB.

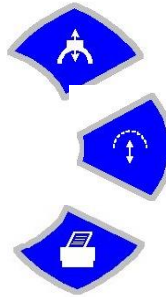
Check these are all lit to a similar brightness.



2. Checking the voltage levels

Press and hold the 3 right keys then turn the power on.

After a few seconds the sample inspection light will flash to show access to the service menu has been gained.



You should then see the screen shown right.

From the test utility menu use the Up/down keys so that line

1. Power supply is selected, then press the right arrow key.

TEST UTILITIES

- >1. Power Supply
2. Inputs
3. Outputs
4. Calibration
5. Communications
6. Auto feed (obsolete)
7. Default
8. Enter serial number

The screen should now be as shown on the right.

POWER SUPPLY

24V	=	24V
15V	=	15V
10V	=	10V
5V	=	5V
-15V	=	-15V

Check the voltage levels at or close to the correct levels.

For example the 24V level may be 24.2V but this is acceptable, a value that is totally different would indicate a problem.

Use the return key to exit this screen and return to the test utilities menu.