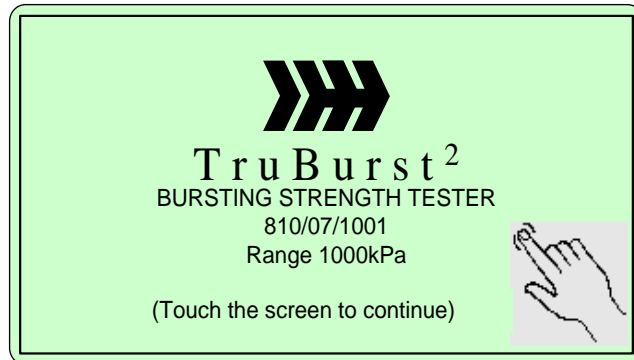# Clamp Ring Sensor Check – TruBurst2 810

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.*

Note: if the calibration of screen is so bad that the buttons cannot be operated then the calibration should be reset to its default settings first.
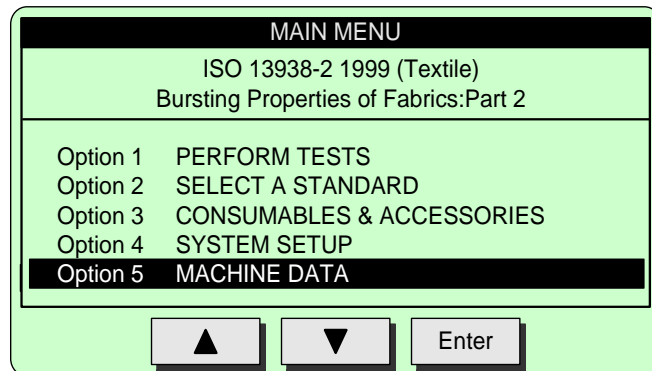
Power up the machine.

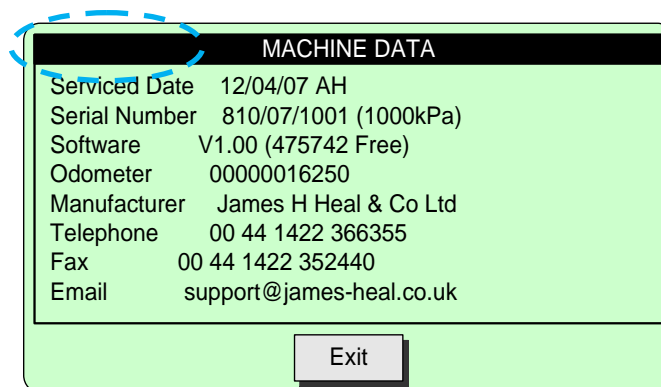You will see the welcome screen appear follow the displayed instruction to tap the screen.

$TruBurst^2$
BURSTING STRENGTH TESTER
810/07/1001
Range 1000kPa

(Touch the screen to continue)

Next you will see the main menu appear.

Select **Option 5 Machine Data** and press Enter.

MAIN MENU
ISO 13938-2 1999 (Textile)
Bursting Properties of Fabrics:Part 2

Option 1 PERFORM TESTS
Option 2 SELECT A STANDARD
Option 3 CONSUMABLES & ACCESSORIES
Option 4 SYSTEM SETUP
Option 5 MACHINE DATA

▲ ▼ Enter

The machine data screen will open. To access the test utilities press the top left hand corner 5 times followed by the Exit button.

MACHINE DATA
Serviced Date   12/04/07 AH
Serial Number   810/07/1001 (1000kPa)
Software   V1.00 (475742 Free)
Odometer   00000016250
Manufacturer   James H Heal & Co Ltd
Telephone   00 44 1422 366355
Fax   00 44 1422 352440
Email   support@james-heal.co.uk

Exit

You should now have the test utilities page displayed. If you have returned to the main menu then repeat the previous step.

The inputs for the switches are shown as Area 1,2 and 3 on the test screen.

TEST UTILITIES				
1000kPa	1000.0kPa - CAL:4095 +	Max	Timer 30.0s	Clamp
800kPa	70.00mm - CAL:4095 +	T	Guard * Ovride*	Buzzer
600kPa	LCD - 30% +		FootSw* Area 1*	Lamp
400kPa	OD:00000016250		Area 2* Area 4*	RS232 OFF
200kPa	SD:12/04/07 AH		Burn-in	TS Cal
0kPa	SN:810/07/1001		Default	Exit

Remove the clamp ring and run a magnet around the right side on the Truburst2 base where the ring normally sits.

As you pass over the areas indicated below the input status should change on the display.

Area 1

Area 2

Area 4
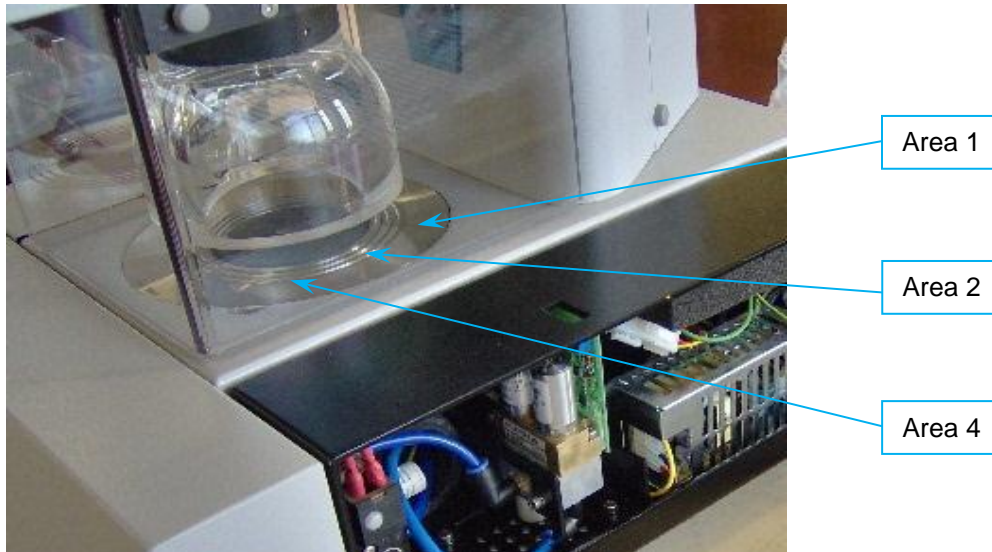
The coding for the clamp rings is as shown opposite.
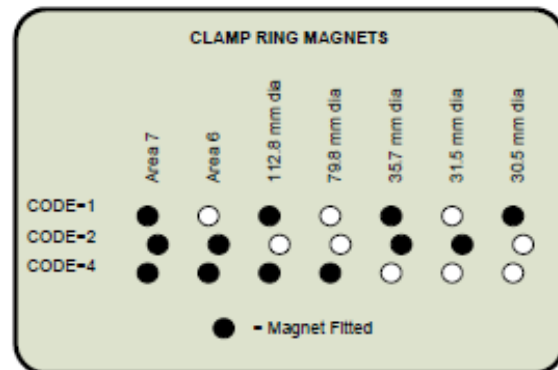
There are 3 magnetic switches located under the right side of the lamp ring.

The switches are held in position by silicone sealant.

Make sure the switches are pushed fully into their holes.

Switches