



9-Point Testing Of Needle Detector

Refer to your product safety manual.

Test 3 times each day.



Test at 9 points EVERY time.



Note: Needle detector must be calibrated at least 3 times per 8-hour shift.

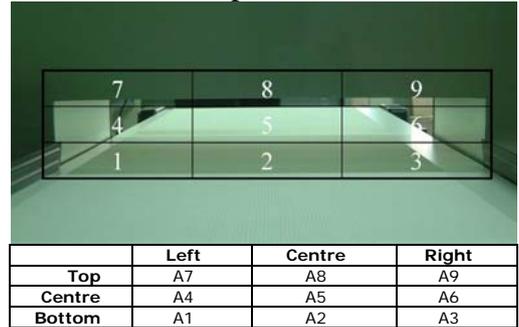


Tools for 9-point test

- Test card**
1.2mm* or 1.0mm* diameter ferrous metal standard
** dependent on buyer's requirement*
- Calibration block**
60 x 60 x 90 mm

Note: Place the test card to the corresponding position by using the calibration block (see picture on the right) to test the machine sensitivity.

Positions of 9 points



Step 1

Place the test card onto the conveyor belt to test A1, A2 and A3.

Note: Calibration block is not required.



Step 2

Place the test card onto the calibration block (see picture below) then onto the conveyor belt to test A4, A5 and A6.

Note: test card is positioned about 6cm above the conveyor belt.



Step 3

Place the test card onto the calibration block (see picture below) then onto the conveyor belt to test A7, A8 and A9.

Note: test card is positioned about 9cm above the conveyor belt.

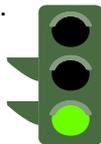


Record detection result :

✓ YES or ✗ NO

	Left	Centre	Right
Top	A7 ✓	A8 ✓	A9 ✓
Centre	A4 ✓	A5 ✓	A6 ✓
Bottom	A1 ✓	A2 ✓	A3 ✓

Note: If ALL ✓ then proceed.



DO NOT continue if ANY point not detected.

	Left	Centre	Right
Top	A7 ✓	A8 ✓	A9 ✓
Centre	A4 ✓	A5 ✓	A6 ✗
Bottom	A1 ✓	A2 ✓	A3 ✓



In case any point (e.g. A6) not detected, re-test the failed point(s).

Note: A6 not detected is an example only. It can be on other positions, too.



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