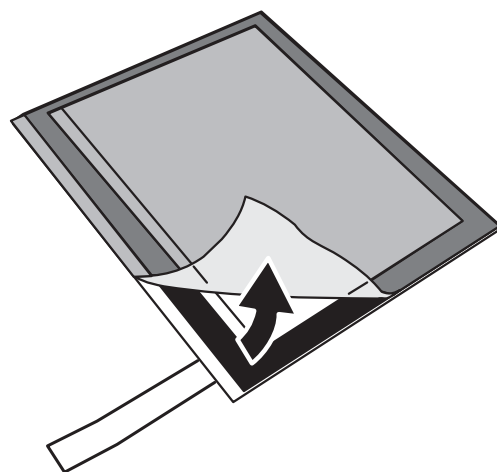
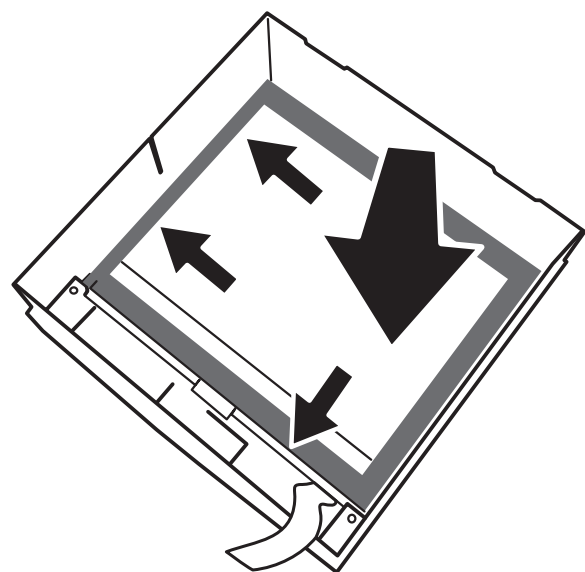


9
Remove the protective sheet from the front of the screen.

Remove the backing material from the self-adhesive gasket.



10
Remove the protective sheet from the back of the screen.



11
Insert the new touch screen into the front cover, ensuring that it is located against the left edge of the casing and against the 'ledge' below the bottom of the display aperture.

Ensure that the inside of the touch screen is dirt and dust free.

12
Re-assemble the recorder, using the opposite procedure to the disassembly procedure described in steps 1 to 6, above. Once the re-assembly procedure is complete, carry out the screen calibration procedure as described in the Installation and Operation manual. Failure to carry out this procedure will result in the touch screen and display screen being misaligned relative to one another.



**invensys
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Touch screen replacement instructions Model 5100V

These instructions are intended as an aid to Eurotherm service engineers who are required to replace the touch screen on a 5100V video-graphics recorder.

WARNING

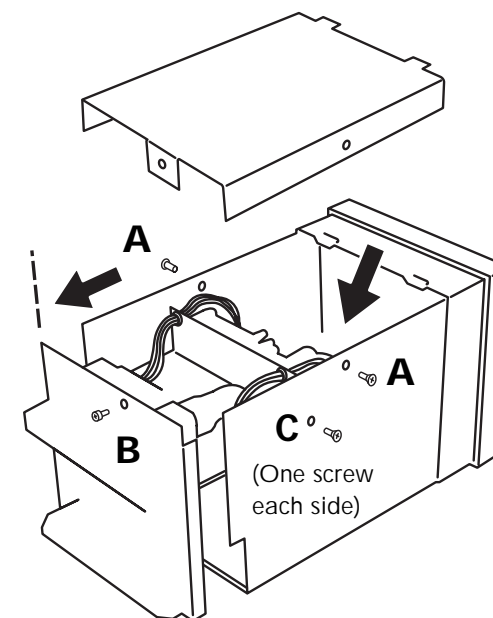
Care should be taken to avoid skin contact with the sharp glass edges of the touch screen.

CAUTION



These procedures involve the handling of components which are sensitive to static electrical discharge. All relevant personnel must be aware of static handling procedures.

Note: It is recommended that finger cots or latex gloves be worn whilst handling the touch screen.

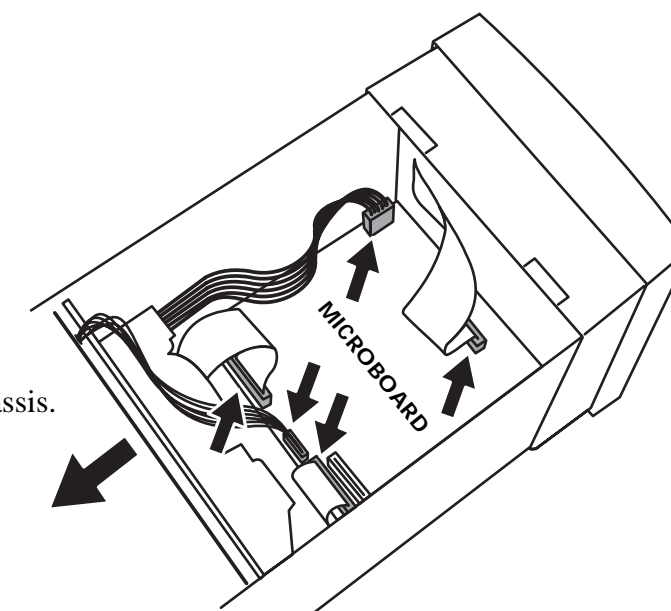


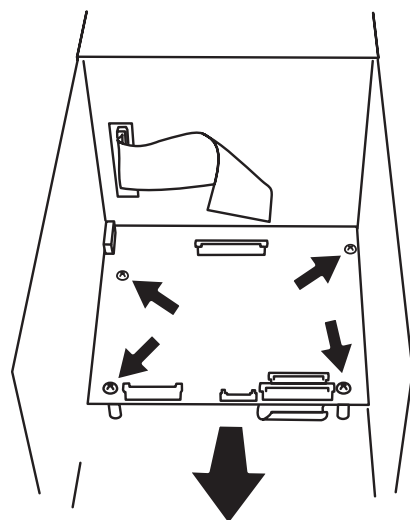
1
Remove the recorder top plate by removing the securing screws 'A' and 'B'. Note that screw 'B' is slightly longer than the others, and that screws 'A' might be pozidriv or Torx headed, according to recorder status level.

Remove the two securing screws 'C' and carefully pull the rear (connector) plate and associated card cage backwards slightly.

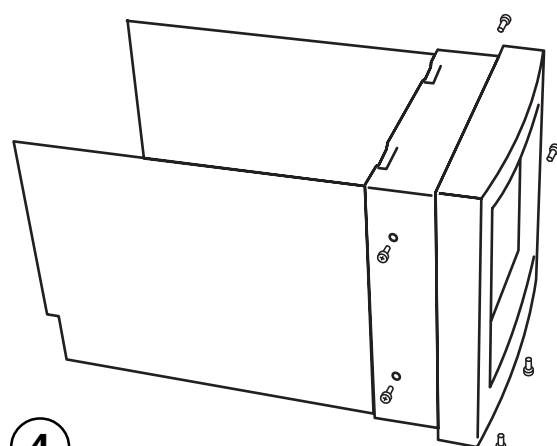
2

Disconnect all the looms from the micro-board, and lift the card cage out of the chassis.

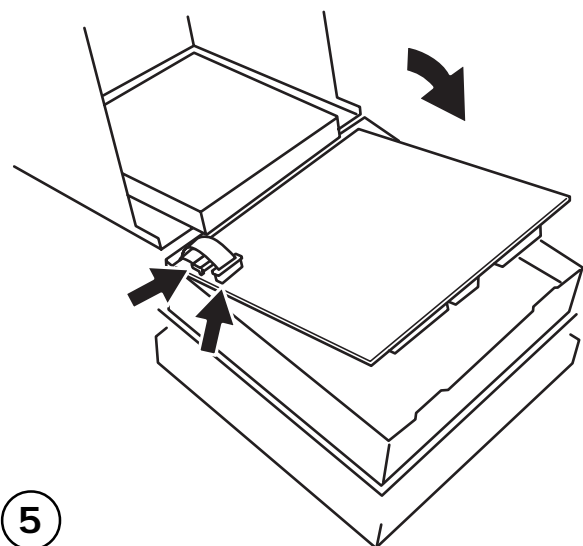




3 Remove the four screws securing the microboard to the chassis.



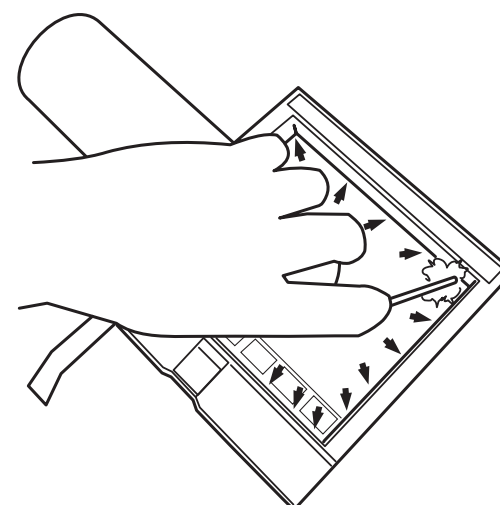
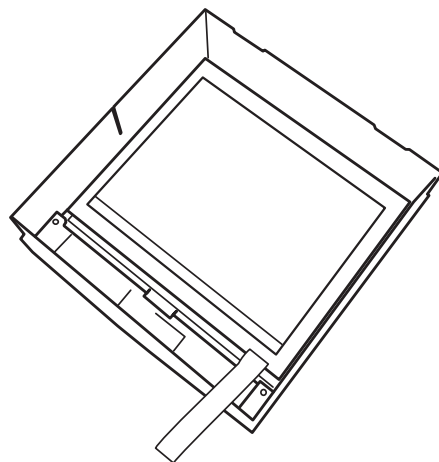
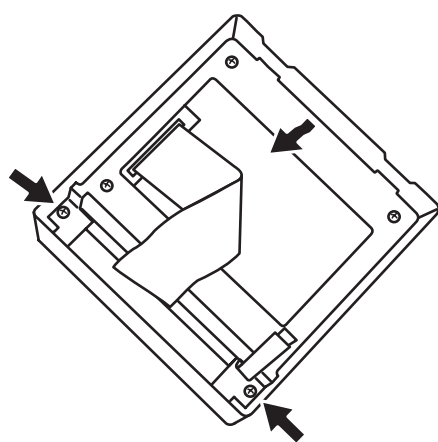
4 Remove the six screws securing the front cover



5 Rotate the cover downwards, at the same time allowing the microboard to move forwards. Disconnect the touch panel flexi-cables.

6 Undo the two screws securing the display screen assembly to the cover, and slide/lift the display assembly out of the cover, and, avoiding finger contact with the face of the screen, place the assembly in a clean environment such as a new anti-static bag.

This leaves the old touch screen inside the cover



7 In accordance with the manufacturer's instructions for use, and details provided by the Manufacturer's Safety Data Sheet (MSDS), use a commercial 'Freezer spray' (available from most electronics distributors) to freeze the gasket located between the touch screen and the door. Run the spray tube twice round the whole frame, at moderate speed to ensure that all the gasket is frozen. Continue at step 8 immediately.

WARNING.



The next step involves the removal of a fragile glass sheet from its mounting. It is recommended that both hand and eye protection be worn, to guard against glass ingress should the touch screen shatter. When using the blade to separate the touchscreen from the gasket, the blade should always be moved in a direction away from the user, and it should be ensured that, should the blade break or slip, no contact would be made with either the person carrying out the procedure or with any nearby personnel.

8

With the gasket frozen, use a sharp 'Craft knife' or similar to separate the touch screen from the gasket. (It is likely that some damage to the touch screen will occur during this process.)

Place a wooden/plastic etc. block of suitable size onto the screen. Carefully, but firmly, press down on the block to separate the screen from the cover's metal frame.

Discard the touch screen.

Remove all traces of the old gasket from the inside of the recorder display housing

