

Trase Unit Expanded Memory Installation (6058C8 & 6058C10)

- 1) (Step 1 may be optional) The *Trase* will be *cold started* at the end of the installation process. If you want to keep any readings already stored on the *Trase Unit*, download them to a computer.
- 2) Place the *Trase* unit in an ESD work area. Insure that the unit is turned off: Turn off the Power switch or disconnect external power and battery (on *MiniTrase* remove battery).
- 3) As necessary obtain more complete instructions to open up the unit by contacting Soilmoisture Equipment Corp. or TBD see the website Product Information->Operating Instructions->FAQ.

NOTE: Remember steps taken so you can connect the items back correctly

- The remainder of these instructions apply to the *Trase I* units & may apply to other units.
 - For *MiniTrase* units see additional information as needed at website or contact Soilmoisture (Unit fit is snug. If uncontrolled pulling occurs while *rocking* then sudden separation could damage wires).
 - For *Trase BE* units see additional information as needed at website or contact Soilmoisture.
- 4) (*Trase I*) remove the eight screws from the front panel. Carefully remove the *Trase Card Cage* from the case by gently rocking the *Card Cage* to the left and right, watching out for cable and component hang-ups on front of the *Card Cage* and the Power Supply at the rear of the *Card Cage*.
 - 5) Disconnect the power cable connected to *J05-1* (*J2* on *MiniTrase*).
 - 6) Remove the *Card Cage Retainer* (two screws). Disconnect the *RS/232* cable from the *RS/232* Adapter on the CPU. The Red Ejector Tab on the right side of the board identifies the CPU.
 - 7) Place the Expanded Memory card into the first available card slot above the CPU.

NOTE:

If there is a *Multiplexer Control Card* in the unit in the first available slot above the CPU, move the Mux card up one slot and then install the Expanded Memory card.

- 8) Reconnect the *RS/232* cable to the *RS/232* Adapter on the CPU.
- 9) Reconnect the Power cable to the *J05-1* on the Power Supply (*J2* on *MiniTrase*).
- 10) Carefully place the *Trase Card Cage* back into the case by gently rocking the *Card Cage* to the left and right, watching out for cable and component hang-ups on the front of the *Card Cage* and the Power Supply on the rear of the *Card Cage*. Reattach the *Card Cage Retainer* (two screws).
- 11) (For *Trase I*) Replace the eight screws on the front panel. Use Perma-Lok if available.
- 12) Turn on the *Trase* unit (For *Trase I* by opening and connecting the Battery Pack and turning on The Red rocker power switch on the bottom of the *Trase Unit*).
- 13) (For *Trase I*) Cold start the *Trase* unit by, first hold down the *ERASE STORAGE* key and then press the *ON ENTER* key on the front panel. The Unit will respond with the *INITIAL START UP* screen. Push *ON ENTER* again for the measure screen. (*MiniTrase*: Switch on while using a sturdy thin object to hold reset button for 5 seconds – then use *TraseTerm* computer program)
- 14) Verify *Remaining reading* is over 20,000 for 6058C8 or over 122,000 for 6058C10.
- 15) Enter the time and date unit is ready (for additional set up such as for waveguide or autolog.