











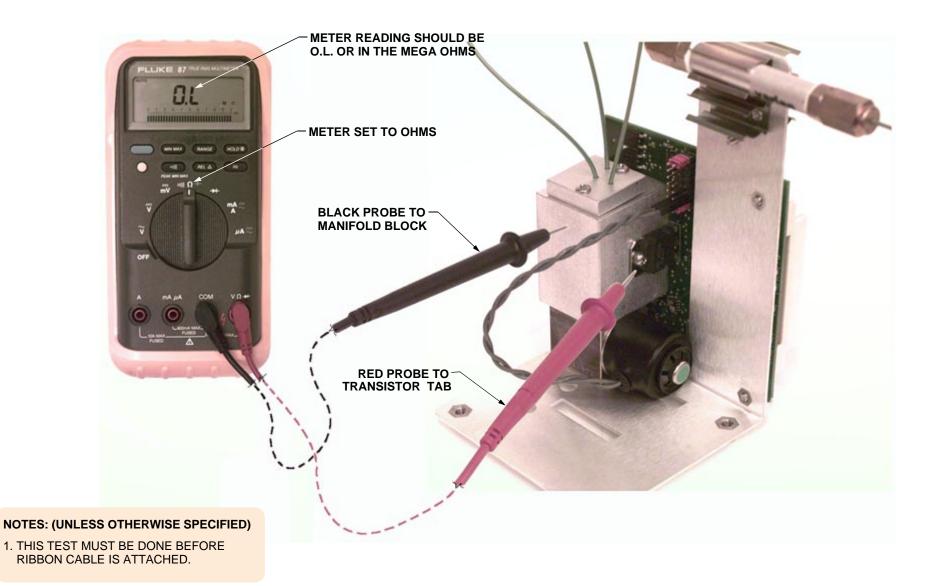


DESC: TEST & CALIBRATION

PAGE: 1 of 12

24 VOLT SHORT TEST

FOR EFC TYPES I, III, IV, AND 5



PREPARED BY: HOWIE PLITSCH

REVISED BY:

CONTROL: INDUSTRIAL ENGINEERING | REV. DATE: 7-3-97

SHOWN













DESC: TEST & CALIBRATION

PAGE: 2 of 12

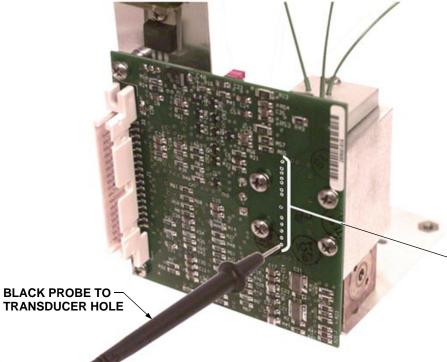
TRANSDUCER SHORT TEST

FOR EFC TYPES I, III, IV, AND 5

METER READING BE O.L. OR IN THE MEGA OHMS

METER SET TO OHMS-





CHECK ALL 13 TRANSDUCER HOLES

NOTES: (UNLESS OTHERWISE SPECIFIED)

1. THIS TEST MUST BE DONE BEFORE RIBBON CABLE IS ATTACHED.

RED PROBE TO A GROUNDED SURFACE

PREPARED BY: HOWIE PLITSCH

REVISED BY:

CONTROL: INDUSTRIAL ENGINEERING | REV. DATE: 7-3-97

SHOWN













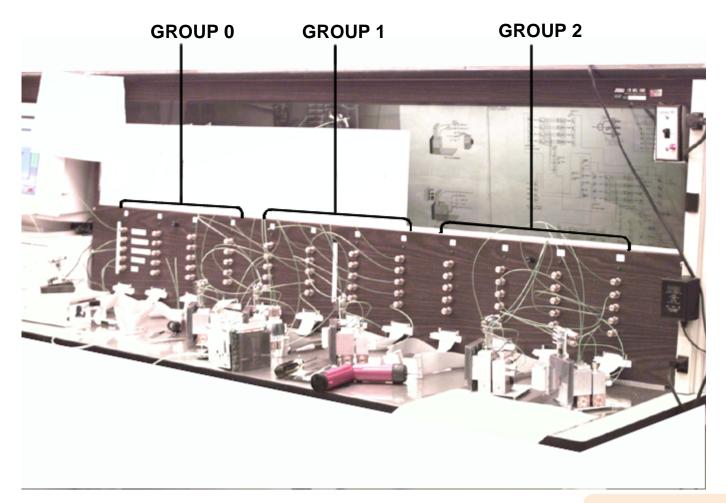


DESC: TEST & CALIBRATION

PAGE: 3 of 12

REV

TEST FIXTURE CONNECTIONS



NOTES: (UNLESS OTHERWISE SPECIFIED)

1. EFC TYPES CANNOT BE MIXED WITHIN A GROUP.

PREPARED BY: HOWIE PLITSCH REVISED BY: CONTROL: INDUSTRIAL ENGINEERING | REV. DATE: 7-3-97











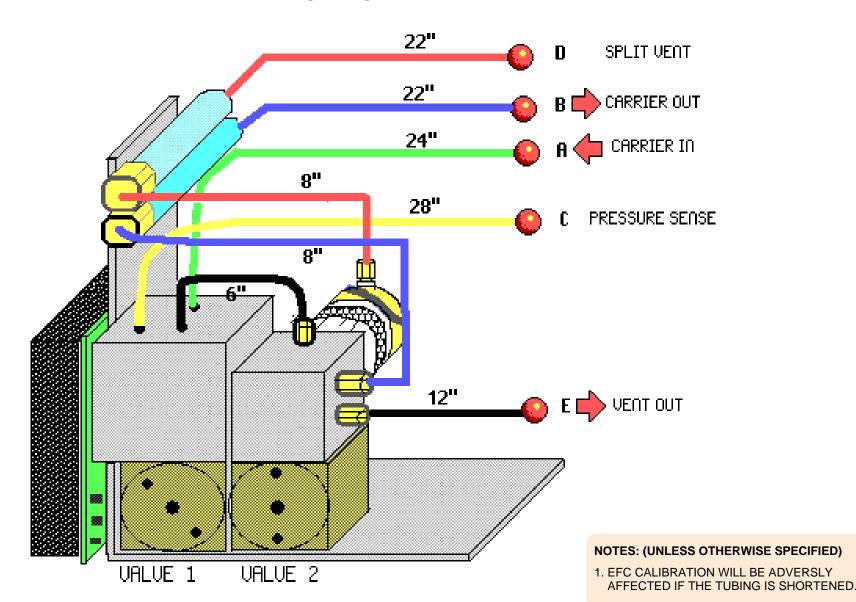


DESC: TEST & CALIBRATION

PAGE: 4 of 12

TEST FIXTURE CONNECTIONS

FOR EFC TYPE I

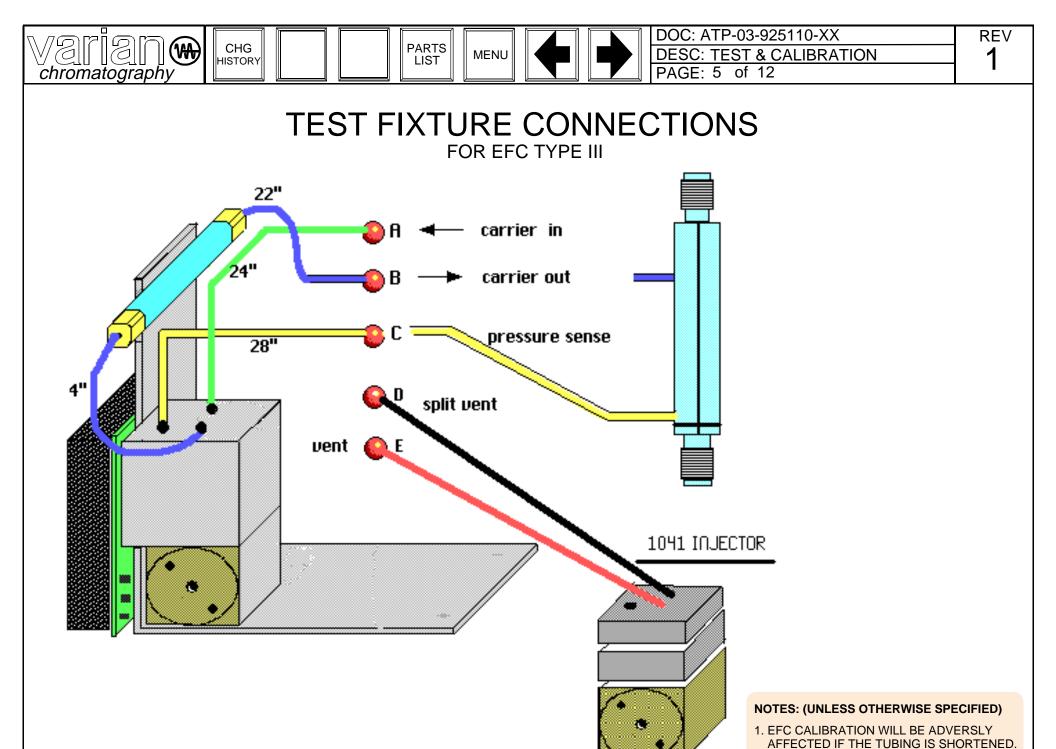


PREPARED BY: HOWIE PLITSCH

REVISED BY:

CONTROL: INDUSTRIAL ENGINEERING REV. DATE: 7-3-97

SHOWN















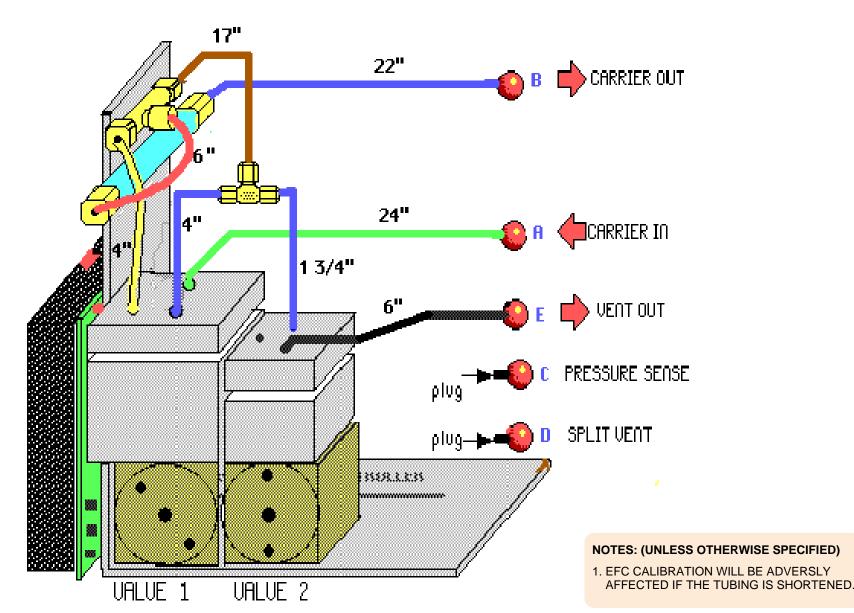
DOC: ATP-03-925110-XX **DESC: TEST & CALIBRATION**

PAGE: 6 of 12

REV

TEST FIXTURE CONNECTIONS

FOR EFC TYPE IV













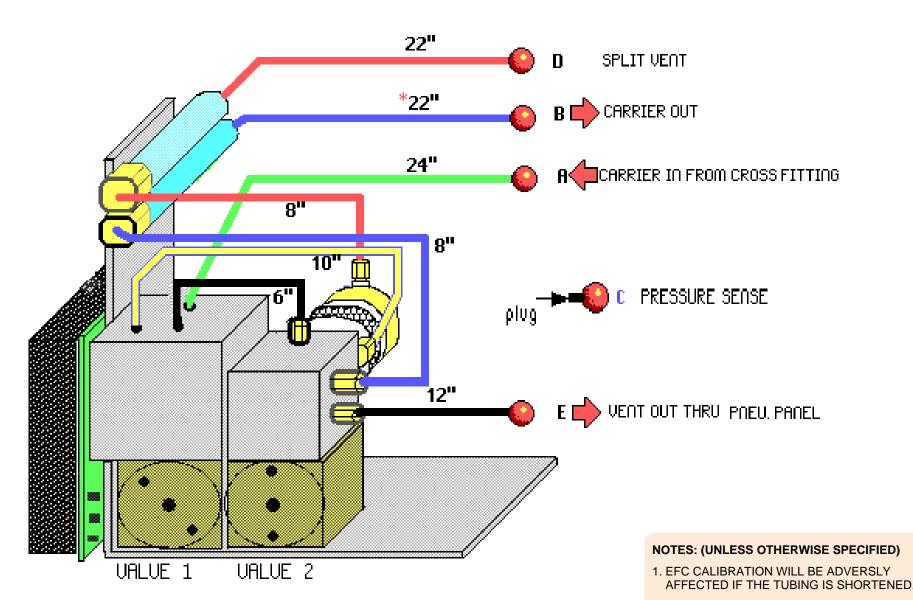


DESC: TEST & CALIBRATION

REV

TEST FIXTURE CONNECTIONS

FOR EFC TYPE V













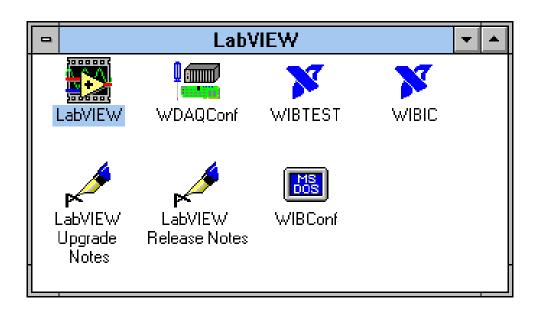




DESC: TEST & CALIBRATION

PAGE: 8 of 12

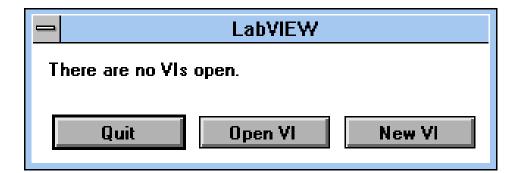
LabVIEW TEST & CALIBRATION PROGRAM



1. Start LabVIEW by double clicking on the LabVIEW icon from the LabVIEW group in Program Manager.

REV

A window with the heading Untitled-1 will appear. Close Untitled-1, the following dialog box appears.



2. Click on the Open VI button.

PREPARED BY: HOWIE PLITSCH REVISED BY: CONTROL: INDUSTRIAL ENGINEERING REV. DATE: 7-3-97 - SHOWN











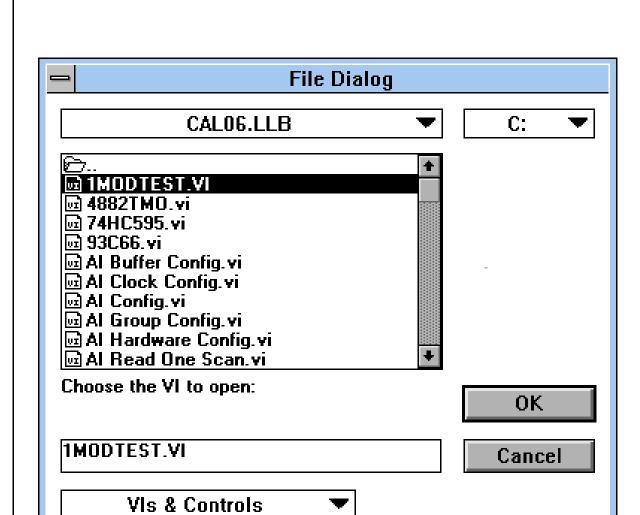






DESC: TEST & CALIBRATION

PAGE: 9 of 12



3. In the File Dialog box select the test file, c:\fix soft\eiccal06\cal06.llb\1modtest.vi.

Click on OK, the 1MODTEST.VI open screen appears.

NOTE: The test file name and its location may change. See supervisor for correct file.

PREPARED BY: HOWIE PLITSCH

REVISED BY:

CONTROL: INDUSTRIAL ENGINEERING | REV. DATE: 7-3-97

SHOWN











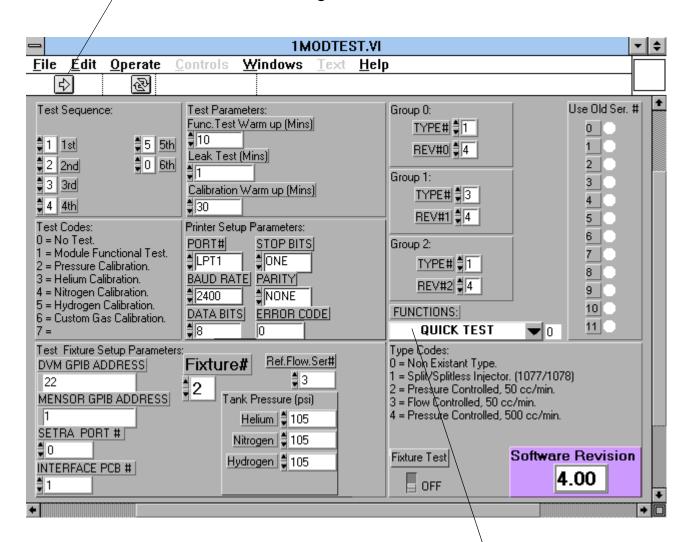




DESC: TEST & CALIBRATION PAGE: 10 of

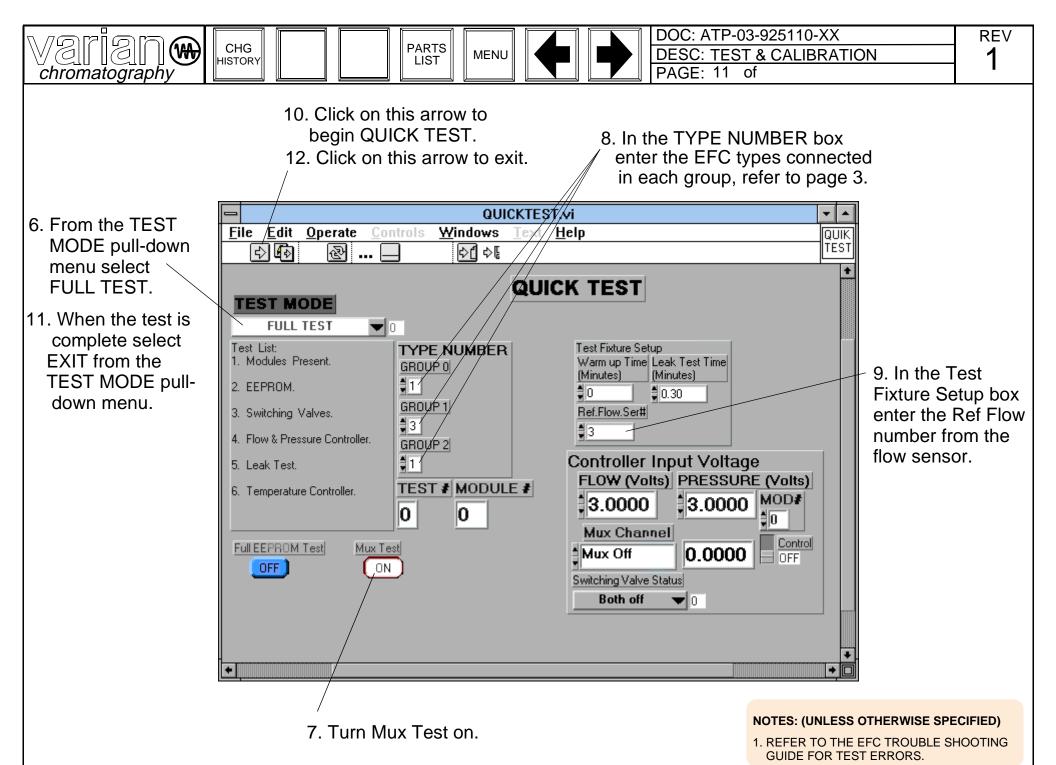
REV

5. Click on this arrow to goto QUICK TEST.



4. From the FUNCTIONS pull-down menu select QUICK TEST.

PREPARED BY: HOWIE PLITSCH REVISED BY: CONTROL: INDUSTRIAL ENGINEERING REV. DATE: 7-3-97 - SHOWN



PREPARED BY: HOWIE PLITSCH REVISED BY: CONTROL: INDUSTRIAL ENGINEERING REV. DATE: 7-3-97 - SHOWN









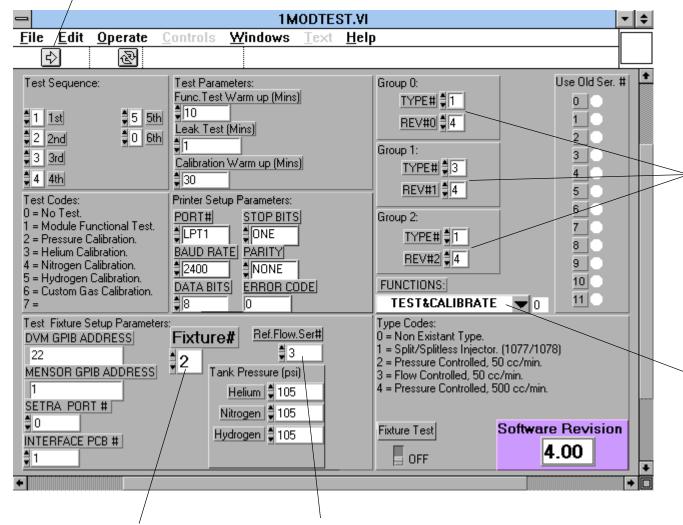




DESC: TEST & CALIBRATION

PAGE: 12 of

18. Click on this arrow to begin TEST&CALIBRATE.



17. Enter the EFC types connected in each group, (refer to page 3) and the PCB revisions.

14. From the FUNCTIONS pulldown menu select TEST& CALIBRATE.

NOTES: (UNLESS OTHERWISE SPECIFIED)

- 1. REFER TO THE EFC TROUBLE SHOOTING GUIDE FOR TEST ERRORS.
- 2. EACH TEST TAKES 1.5 HOURS PER EFC MODULE TO COMPLETE.
- 3. AFTER TESTING EFC MODULES MUST BE BAGGED AND SEALED EMMEDIATELY.

16. FIXTURE # should be 2 15. Enter the Ref Flow number from the flow sensor.