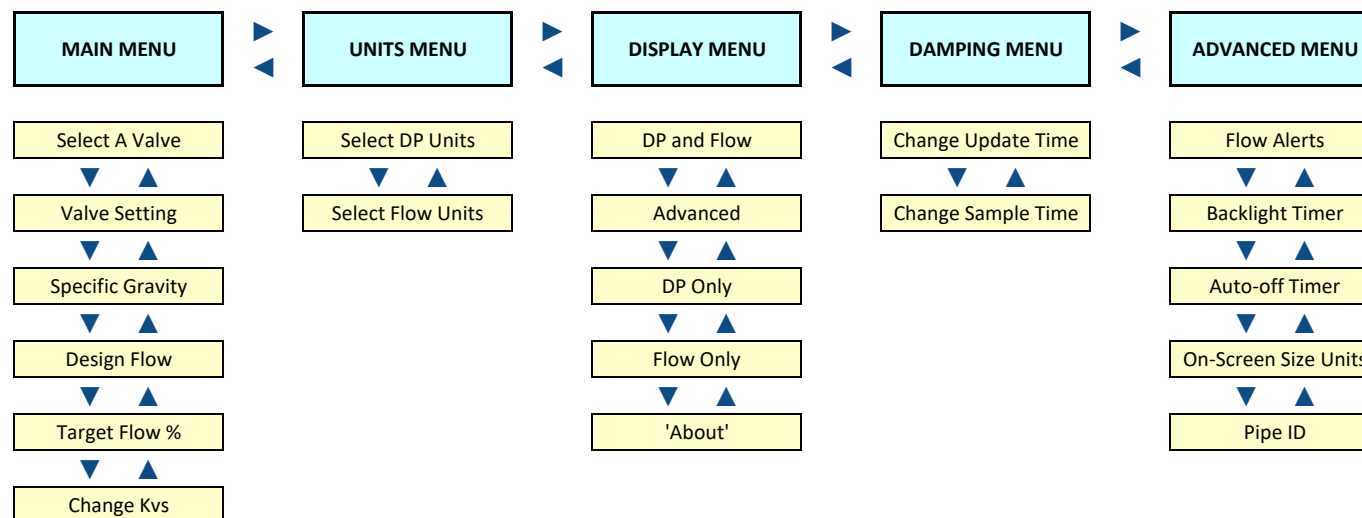


# AC7 Electronic Commissioning Meter



## Menu Map:



## Connection Procedure:

1. Select the correct connection adaptors for the valve / device being measured and attach them to the connection tubes.
2. Ensure that **both** isolating valves on the connection tubes are in the CLOSED position.
3. Attach the connection adaptor on the **RED** connection tube to the high-pressure (upstream) test point on the subject measuring valve / device.
4. Attach the connection adaptor on the **BLUE** connection tube to the low-pressure (downstream) test point on the subject measuring valve / device.
5. Ensure that the equalising valve on the AC7 unit is OPEN.
6. Attach the free ends of the **RED** and **BLUE** connection tubes to the colour-coded connection points on the AC7.
7. OPEN the isolating valves on the connection tubes to allow the line fluid to purge any air from inside the tubes.
8. CLOSE the isolating valves on the connection tubes.
9. Find a safe and **static** position for the AC7 (the AC7 is **very** sensitive and readings will be affected if the handset is moved after a datum has been set).
10. Switch the AC7 'ON' and press **ZERO** to set the datum at zero (if the datum drifts from zero, allow the internal temp. of the handset to stabilise and re-press **ZERO**).
11. OPEN the isolating valves on the connection tubes and CLOSE the equalising valve on the AC7.
12. The AC7 will now be reading differential pressure. Refer to full Operating Instructions for details of the various display options available.

## Disconnection Procedure:

13. OPEN the equalising valve on the AC7.
14. CLOSE **both** isolating valves on the connection tubes.
15. Disconnect the tubes from both the AC7 and the valve / device.

**REFER TO FULL OPERATING INSTRUCTIONS FOR COMPREHENSIVE INSTRUCTIONS AND SAFETY CONSIDERATIONS**