SELECTION DATA Minimum ‘M’ Vessel Centres (mm)

1. Select gauge type (See Page 2)
Standard, large chamber or weld-on. Reflex and Transparent can be used on most process applications but Transparent is recommended for:
- a) Media which are corrosive to glass (eg. caustic alkalis, hydrofluoric acid, high pressure steam/water). In such cases Transparent Level Gauges must be protected by Mica or Kel-F shields (max.temp.120°C).
- b) Viscous media.
- c) Observation of colour or turbidity.
- d) Interface applications.
- e) Where lighting is inadequate and illuminators are required see following page.

Large Chamber Level Gauges are used only on applications where the medium boils or surges and ‘Weld-On’ Gauges for low pressure safe media applications.

2. Select the material (page 2)

3. Select the pressure rating required (page 2)

4. Select shut-off device (page 3)

5. Select the required configuration (Refer to tabulation)

Knowing the factors controlling the dimensions, (i.e. fixed vessel connections and/or fixed sight length, valve type RAV or DG and connections screwed or union) select from the tabulations the nearest gauge combination observing the following points.
- a) Minimum vessel centres can be increased to suit the actual centres required.
- b) Maximum sight for any centre length is with side connected, offset inside.
- c) DG Cocks are usually supplied end connected.

Notes

Notes on Standard gauges

Notes on large Chamber & weld-on gauges

Large Chamber Gauges

Notes (see bottom of page)

Standard Gauges

(1-1 to 9-IX)
- A. For 3/4” gauge connections dimensions as above.
- B. For 3/4” gauge connections add 14mm.
- C. For 3/4” screwed or back add 34mm.
- D. T50-T100-T160-T250 with 1/2” back connections add 34mm.
- E. For 3/4” side or back connections add 34mm.

Note: 3/4” screwed connections not available on T250 and R250.

Weld-On Gauges

(1-1 to 4-IX)
- F . Overall length ‘K’ add 32mm.
- G. For flanged end connections or 1/2” end connected DG/RAVs add 32mm.
- H. For flanged/screwed side or back add 49mm.
- I. Refer to T & C for all configurations (ie. 3/4” connections).

Dimensions in mm