



Description: The tong line pull and torque indicating system is used during the make-up of tubulars to get a reading of the applied load. Tong line pull gauges display in pounds, decanewtons, or kilograms, which can be easily converted to torque by multiplying by the handle or lever length. Tong torque gauges factor in the lever length so the gauge displays a torque value.

All systems consist of the gauge, load cell, high pressure hose and quick connects with some additional accessories (gauge bracket, shackles, hand pump, quart of instrument fluid). A 6" or 8-1/2" diameter gauge is available. The load cell can be a tension type pull cylinder or a compression type pancake cell.

To order: Advise on the following for pricing requests.

- Tension or compression load cell
- Maximum line pull or torque value that will be applied to the load cell
- Handle / lever length
- Unit of measurement for the torque gauge dial (lbs or ft-lbs standard)
- Is a dual scale required for a different maximum value and handle length?
- Is the equipment for a manual tubing tong or hydraulic powered casing tong (affects hose length between load cell and torque gauge)?
- Are shackles required?