



Remote Self Contained Tensioner (SCT) Control Panel

Hydratight presents an innovative remote control workstation that adds flexibility and value in the management of bolt tension in reactor vessel heads.

The remote SCT control panel allows a single operator to oversee and coordinate all critical tension tasks from a central point on the refuel floor, allowing crews to concentrate on:

- Positioning and lowering the tensioner over the stud and nut
- Turning the switch to latch the tensioner pull system to the stud
- Turning the drive gear for nut rotation
- Turning the switch to unlatch the tensioner pull system from the stud and raise the tensioner

Input pressures and pressure dumping are controlled from the panel, which also provides instant status in the event of a piston overstroke, the condition of each tensioner's piston return position and the resulting elongation monitoring feedback (should a reading indicate a stud needs to be re-tensioned).

Supervisors and plant management can have an instant view of tensioner operation as it progresses. Two way voice communication via the built-in speaker and microphone on each SCT unit means instructions can pass on to the crew without the need for separate crew headsets, and supervisors can continue to use their own headset for other plant operations.



OFF/ON Switch

