



SHIELD PRESSURE CONTROL WELL CONTROL PACKAGES AND CHOKES



Shield PC Well Control Package

- ✓ Shield PC offers various well control Power Chokes, which has been the industry leader for more than 30 years in severe service choke markets.
- ✓ Providing chokes up to 20,000 psi and trims from 1" to 4" we have the most extensive offerings including full well control manifolds.

Value and Key Differentiators

Shield PC Well Control Choke advantages (common to all models)

- ✓ Reliable – When called upon they work, Power Chokes has over 30 years of experienced in the well control service market and the products are the most robust and reliable on the market today.
- ✓ Large buffer chamber allows for good pressure control and reduces likelihood of plugging.
- ✓ Can offer full COC documentation and maintenance traceable components from OEM. Meet and exceed API 6A and 16C requirements offering gas tight sealing in closed position.
- ✓ Chokes can be packaged as single, double, and include other components such as flare stacks, manifolds, pipings, RCDs and MPD. Remote monitoring options are also available.
- ✓ Safety – All chokes have manual override, all HPU have dual pumps, handpumps and accumulators.

SCB2 (pictured right)

- ✓ Accommodates 1.5", 2" or 3" Trim sizes. These are true 3" trim sizes also for extra capacity.
- ✓ Quick change actuator with no need to remove hoses, and trim that can be changed within 15 minutes, without the need to remove choke from the line.
- ✓ Tungsten carbide trim for maximum life and limited erosion.
- ✓ Depending on drilling senario and trim used able to accommodate over 1,600gpm.

Control Panel – HPU (pictured left and right)

- ✓ Adjustable speed for slow or fast actuation, powered Digital choke position indicators.
- ✓ Bourbon tube hydraulic pressure gauges or digital gauges available.
- ✓ Remote handheld control available (pictured right).



Figure 1: Well Control manifold

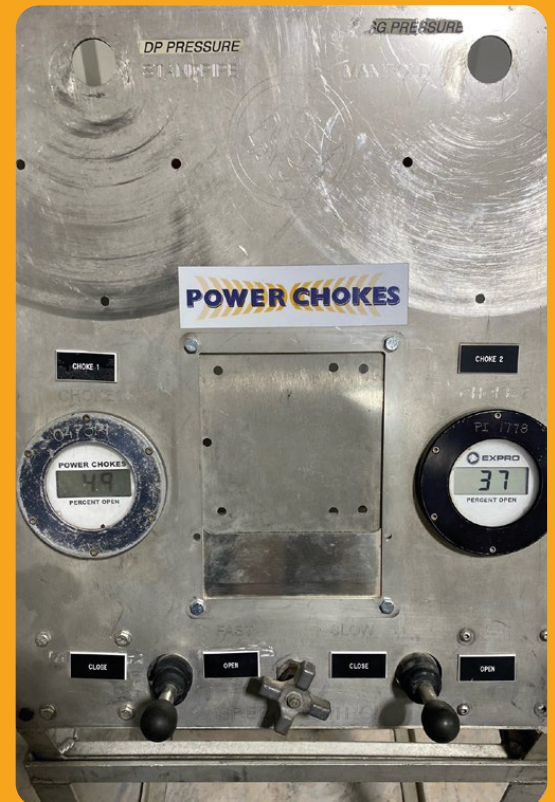


Figure 2: Slimline remote panel dual choke