

## iRCD

The innovative Rotating Control Device with backpressure control system is engineered to replace conventional choke manifolds.

### KEY BENEFIT

- iRCD features a self-lubricating system and electric actuated latching and unlatching mechanism. This innovative design significantly improves efficiency by reducing installation and maintenance complexity.

### FEATURES

- Self-lubricating system
- Electric actuated latching and unlatching
- Self-positioning deployment
- Applicable on land and offshore rigs



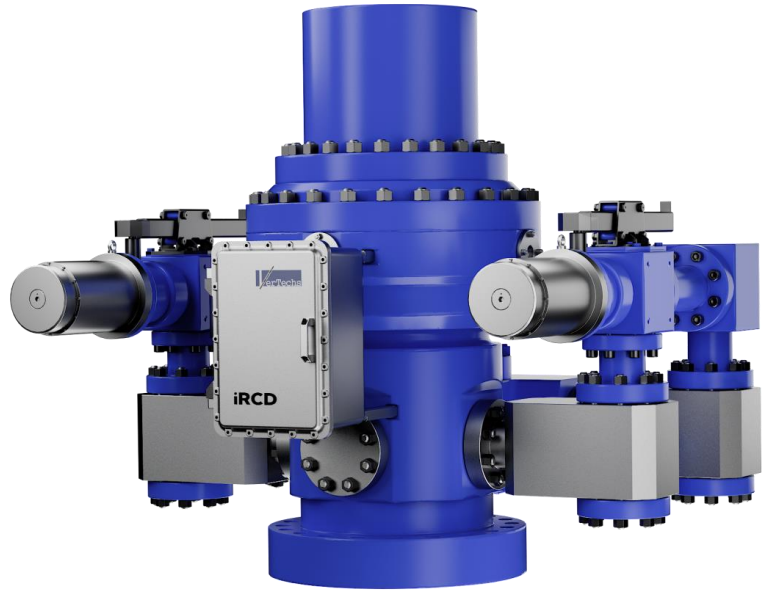
iRCD SPECIFICATIONS			
<b>API Standard</b>	API 16RCD	<b>Actuator</b>	Electric
<b>Max. Static Pressure</b>	5,000 psi	<b>Max. Dynamic Pressure</b>	2,500 psi
<b>Bearing Assembly</b>	8 1/4 in	<b>Bottom Flange</b>	13 5/8 in
<b>Hosing Max. Outlet</b>	7 1/16 in	<b>RPM</b>	0 - 200 rpm
<b>Hosing Height</b>	46 - 53 in	<b>Weight</b>	1.5 - 3 T
<b>Packing Elements</b>	Single/Dual	<b>Cooling</b>	Self-lubricating

**KEY BENEFIT**

- Unlike traditional setups, **iRCD Pro** transforms conventional drilling rigs and MPD systems into a streamlined pressure control solution that is manageable directly by the driller, with MPD engineers providing remote assistance from RTOC.

**FEATURES**

- Merging RCD with MPD manifold
- Electric chokes for faster and more accurate pressure control
- Operated by driller, minimizing rig crew
- Applicable on land and offshore rigs



<b>iRCD Pro SPECIFICATIONS</b>			
<b>API Standard</b>	API 16RCD, 16C, 6A	<b>Working Pressure</b>	5,000 psi
<b>Bypass</b>	3	<b>Bypass Connection</b>	4 1/16 in
<b>Chokes</b>	8 1/4 in	<b>Choke Size</b>	13 5/8 in
<b>RCD</b>	iRCD Spec.	<b>Actuator</b>	Electric
<b>Accuracy</b>	± 15Psi	<b>Foot Print</b>	<4m <sup>2</sup>