

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

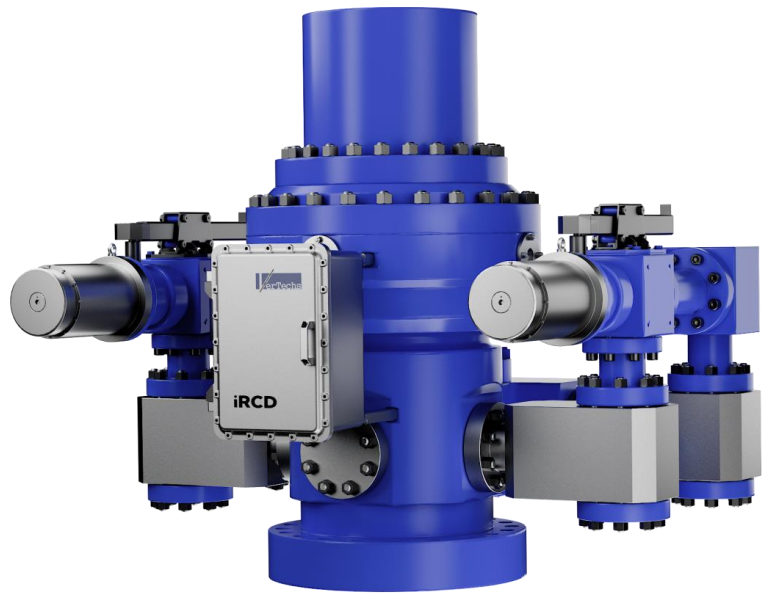
API Standard	API 16RCD	Actuator	Electric
Max. Static Pressure	5,000 psi	Max. Dynamic Pressure	2,500 psi
Bearing Assembly	8 1/4 in	Bottom Flange	13 5/8 in
Hosing Max. Outlet	7 1/16 in	RPM	0 - 200 rpm
Hosing Height	46 - 53 in	Weight	1.5 - 3 T
Packing Elements	Single/Dual	Cooling	Self-lubricating

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



iRCD Pro SPECIFICATIONS			
API Standard	API 16RCD, 16C, 6A	Pressure Rating	5,000 psi
Bypass Line	3 - 4, (Customized)	Bypass Connection	4 1/16 in
Valves	5 - 7, (Customized)	Orifice Size	2 in or 3 in
RCD	iRCD Spec.	Actuator	Electric
Precision	± 15 psi	Foot Print	<4m ²