



## Technical Specifications

Positive pulse telemetry  
Performance benefits

**Proven reliability with over 2900 hrs MTBF**  
**Collar sizes 3.5" - 9.0" O.D.**  
**Operates downhole to 150°C and 15,000 psi**  
**Wireline retrieveable and reseatable**  
**Gamma enabled**  
**Low power consumption resulting in over 500 hrs of single battery life**  
**Increased performance in LCM environments**

### Configuration

<b>Flow Ranges</b>	0.30 - 0.63m <sup>3</sup> /min, 3.5 in. O.D. collar 0.38 - 1.14m <sup>3</sup> /min, 4.75 in. O.D. collar 0.57 - 2.27m <sup>3</sup> /min, 6.75 in. O.D. collar 1.50 - 4.45m <sup>3</sup> /min, 9.0 in. O.D. collar
<b>Pressure Drop</b>	100 psi @ 1.52m <sup>3</sup> /min
<b>Data Transmission</b>	Positive - Pulse
<b>Retrieveability</b>	Yes
<b>Temperature</b>	-20°C to +150°C
<b>Electrical Power/ Operating Time</b>	Lithium battery / 400 to 500 hrs per battery pack (standard tensor style battery)
<b>Maximum LCM Material</b>	40 - 50 ppb concentration, medium nut plug, pre - mixed
<b>Shock / Vibration</b>	1000g / 0.5 millisecond / 5 - 30 Hz
<b>Inclination Accuracy</b>	± 0.1
<b>Toolface Accuracy</b>	± 0.5 0 -360°
<b>Azimuth Accuracy</b>	±0.15 0-360°
<b>Pressure</b>	20,000 psi
<b>Gamma</b>	Yes

\*Testing conducted by Drill-Tek using standardized testing procedures, field results may vary. See [www.drilltekpwd.com](http://www.drilltekpwd.com) for more information.