WINTERHAWK
PIPELINE SERVICES LLC.

Pipeline
Paramedics

# DIGI-CAL SPECS:

# 30"

**HIGHLIGHTS:**

1. **NUMBER OF ARMS** – 36
2. **POWER SUPPLY** – 100 hrs
3. **MINIMUM BORE IN STRAIGHT PIPE OF PIPE OD** – 30%
4. **OPERATING PRESSURE RANGE** – 2500 psi or 172 bar

**NOTES:**

+ Approximate pressure range. Consult WPS for operation in low pressure gas lines.

+ Standard configuration. Electronics engine provides samplings of up to 36 sensors & 72 hall effects.

+ Embedded firmware conserves battery power when unit is idle.

| **ANOMALY IDENTIFICATION:** | |
|---|---|
| Anomaly Detection Threshold | ±0.75% Of Pipe Outer Diameter |
| Deformation Sensor Type | Low Kinetic Energy Rotary Magnetic Arm Sensors |
| Data Collection Rate | Up To 835 Samples Per Second |
| High-Res Deformation Sensors | Yes |
| **TYPICAL OPERATING PARAMETERS:** | |
| Travel Distance Resolution | 1.5" (38.1mm) |
| Odometer Wheels | 2 |
| Firmware Algorithm For Instant Wheel Failure Recovery | Yes |
| Maximum Tool Speed | 15ft/Sec (4.6m/Sec) |
| Tool Transmitter | 22hz Extremely Low Frequency |
| Data Storage | Non-Volatile Micro 16gb SD Card |
| Defect Location Aids | AGMs, On Board INS & Pipeline Features |
| Inertial Navigation Sensors | State Of The Art Microelectronic IMU Module |
| Minimum Bend Radius | 1.5D / 3R |
| Minimum Bore In Straight Pipe | 30% |
| Operating Pressure Range | 2500 psi or 172 bar |
| In-Line Temperature Range | -4 To 140 °f (-20 To 60 °c) |

**CONTACT:** 27731 Commercial Park Road Tomball - Tx. 77375 --- Phone: 918.359.1175 --- Fax: 918.627.3310 WINTERHAWKPLS.COM