



PulseEight™ Monitor

The TAQA PulseEight Wireless, Intelligent suite of completions tools enable an agile completions approach, providing systems that respond to the changing dynamics of the reservoir during production and injection

Monitoring Where it Matters

PulseEight Monitor is a wireless, cable-free downhole monitoring solution that provides continuous pressure and temperature surveillance without the need for dedicated control lines or costly workovers. Using proprietary Fluid Harmonics telemetry, it transmits real-time data through live produced fluids and records high-frequency PBU data to onboard memory.

FEATURES

- **WIRELESS** downhole surveillance from deployment
- **WIRELESS CONFIGURATION** - enables changing settings from surface without intervention
- **HIGH-RATE DATA LOGGING** (1 sample/s) during PBU
- **DEPLOYABLE** as part of completions or Retrofit-ready design for live wells
- **DUAL QUARTZ GAUGES** providing upstream and downstream surveillance of choke ports
- **BATTERY LIFE** up to 5 years

BENEFITS

- **IMMEDIATE AND CONTINUOUS** - downhole visibility and monitoring payzone
- **REDUCED** intervention and operational risk
- **SIMPLIFIED** well architecture
- **FLEXIBILITY** to adapt to evolving well conditions
- **OPTIMIZED** reservoir management

APPLICATIONS

- **FAILED PERMANENT DOWNHOLE GAUGE REPLACEMENT**
- **LACK OF SHUT-IN DATA**
- **DOWNHOLE PRESSURE, TEMPERATURE & DIFFERENTIAL MONITORING**
- **WARNING SYSTEM FOR SCALE FORMATION**
- **DETECTION OF WATER OR GAS INFLUX OR CROSS FLOW**
- **DOWNHOLE SURVEILLANCE IN HIGH-UNCERTAINTY ENVIRONMENTS**

SPECIFICATIONS

	Verified	Tubing Size inches	OD Inches	Max Flow Area, Ports inches ²	Flow Area ID Bore inches ²	Maximum Rate bbls/day	Body Pressure psi	Static Seal from below psi	Differential Pressure psi	Temp °F	Length Min- Max ft
MONITOR	N/A	3.5-5.5	2.5	2.26	1.88	10,000	7,500	N/A	N/A	230	17.89 - 31.63