

DigiTrak® F5® TensiTrak®

Pullback and Pressure Monitoring System



- Real-time product pull force and downhole mud pressure readings displayed at receiver and remote display on drill
- Strong signal for overcoming interference without using a wire
- Accurate tracking of installation depth, and location
- Data downloadable to PC for analysis, reporting, and archiving

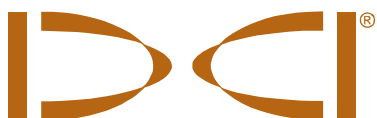
Specifications

Model number	TT5
Power source	3 D-cell batteries or DCI SuperCell™ battery with adapter
Battery life	30 hrs (approx.)
Outer diameter	5.5 in. (13.97 cm)
Length	19.63 in. (49.86 cm)
Pulling eye diameter	1.82 in. (4.62 cm)
Center-to-center distance between eyes	16.13 in. (40.97 cm)
Trackable range	60 ft (18.3 m)
Operating temperature	35.6–104° F (2–40° C)
Absolute max. mud pressure	127 psi (876 kPa)
Maximum pull force	100,000 lb (445 kN)
Mud pressure accuracy in 1 psi (6.9 kPa) increments:	
0–75 psi (0–517 kPa)	±3 psi (21 kPa)
75–127 psi (517–876 kPa)	±10%
Tension monitor accuracy in 30 lb (133 N) increments:	
35.6–41° F (2–5° C)	±5% full scale or ±5000 lb (22.5 kN)
41–104° F (5–40° C)	
0–10,000 lb (44.5 kN)	±1000 lb (4.5 kN)
10,000–20,000 lb (89 kN)	±2000 lb (9.0 kN)
20,000–100,000 lb (445 kN)	±3000 lb (13.5 kN)

The DigiTrak® F5® TensiTrak® Pullback and Pressure Monitoring System provides critical installation data to HDD operators, allowing real-time monitoring of product pull force and downhole mud pressure without a wire. Real-time pull force/tension monitoring helps prevent damage to the product and costly reinstallation. Knowing downhole mud pressure assists in preventing inadvertent fluid returns or, even worse, road buckling.

The TensiTrak unit, installed between the reamer and the product, transmits real-time pull force and mud pressure data to an F5 walkover receiver, which also relays it to the remote display on the drill rig. The F5 receiver stores this data and can upload it to a computer via Bluetooth for analysis, reporting, and archiving. The TensiTrak unit itself stores the maximum pull force value to ensure this value always gets recorded, even if the receiver is out of range during a difficult portion of the pullback.

DCI is committed to delivering the industry's best walkover locating experience. Please contact us if you need more information.



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