Technical Specification Sheet

iSet™ Electro-Hydraulic Setting Tool - 2.165 & 3.60 in.

The iSet™ is a non-ballistic electro-hydraulic setting tool for plugs, packers and straddles, that operates on slickline in Memory mode or on electric-line in Surface Readout mode.

Ratings & Dimensions - Core Module

	2.165 In.	3.60 In.
Part Number	SEN-0010-0188	SEN-0010-0216
Max temperature	23-302°F (-5-150°C)	
Max pressure	15,000 psi (103.4 mPa)	
Outer diameter	2.165 in (54.99 mm)	3.60 in (91.44 mm)
Length	5.42 ft (1.65 m)	4.68 ft (1.43 m)
Weight	52.3 lbs (23.7 kg)	117.1 lbs (53.1 kg)

Hardware Characteristics - Core Module

Stroke length	10.0 in (254.0 mm)	
Load	30,000 lbs (13,608 kg)	60,000 lbs (27,216 kg)
Connection type	**Outer:** 2" Stub ACME 10 TPI Pin **Inner:** $^{11}/_{16}$" UN-16 TPI Box	**Outer:** 3.5" ACME 10TPI Pin **Inner:** $^{11}/_{16}$" UN-16 TPI Box
Materials	Corrosion resistant materials used throughout	

Power Configuration Options

Alkaline Unflasked	SEN-0010-0260	
Outer diameter	2.165 in (54.99 mm) (Module only)	
Length (combined)	9.96 ft (3.04 m)	9.29 ft (2.83 m)
Weight (combined)	84 lbs (38 kg)	148 lbs (67 kg)
Max temperature	248°F (120°C) up to 12 hours	
Acquisition	Memory	
Power	40 "AA" cell batteries	
Current	Standby: 35 mA | Operating: 170 mA | Setting load: 2100 mA	
Connection type	SR pin 1$^{11}/_{16}$" UN-10 TPI with $^{3}/_{4}$" FN	

Alkaline Flasked	SEN-0010-0261	
Outer diameter	2.250 in (57.15 mm) (Module only)	
Length (combined)	9.96 ft (3.04 m)	9.29 ft (2.83 m)
Weight (combined)	86 lbs (39 kg)	150 lbs (68 kg)
Max temperature	302°F (150°C) up to 12 hours	
Acquisition	Memory	
Power	40 "AA" cell batteries	
Current	Standby: 35 mA | Operating: 170 mA | Setting load: 2100 mA	
Connection type	SR pin 1$^{11}/_{16}$" UN-10 TPI with $^{3}/_{4}$" FN	

E-line Head	SEN-0010-0262	
Outer diameter	2.165 in (54.99 mm) (Module only)	
Length (combined)	8.77 ft (2.67 m)	8.11 ft (2.47 m)
Weight (combined)	68 lbs (31 kg)	134 lbs (61 kg)
Max temperature	302°F (150°C) up to 1000 hours	
Acquisition	Real time / Surface readout (SRO)	
Power	EPU 30V	
Current	Operating: 300-390 DC | Supply: 44 DC | Max operating: 400 DC	
Connection type	GO box 1$^{3}/_{16}$" UN-12 TPI with $^{3}/_{4}$" FN	

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