

eSetting Tool

Peak's nonexplosive eSetting Tool is used to deploy Peak's Hi-Ex Gauge Hanger to any location in the wellbore using simple slickline operations.

The eSetting Tool provides a reliable deployment technique without the need for pyrotechnics, pressurized nitrogen or complex hydraulic pumps.

Simple actuation using the pre-programmed electronic timer system gives full operational flexibility and control across a broad range of different operating environments and well depths.

The force required to set the Hi-Ex Gauge Hanger is derived from a staged spring mechanism in the eSetting Tool and is capable of securely setting Hi-Ex Gauge Hangers in all sizes of casing. The low-power electronic timer is powered by small Lithium batteries making for easy transportation and rapid deployment of the complete system in the field.

At depth, the eSetting Tool activates and sets the Hi-Ex Gauge Hanger, expanding its arms to the tubing wall and securely anchoring and centralizing itself inside the tubing via the bidirectional slips. Once the Hi-Ex Gauge Hanger is set, the eSetting Tool automatically releases from the hanger. The ability to disarm the timer by upward jarring provides a fail-safe system in the event of operational difficulties.

APPLICATIONS

- Used for the deployment of 2.200-in Hi-Ex Gauge Hangers on slickline
- Rated to 10,000 psi, 177 degC

FEATURES AND BENEFITS

- Simplified logistics: safe and rapid mobilization to well sites globally
- Integrated non-hydraulic, non-pyrotechnic power system
- No radio-silence requirement, reducing NPT
- Disposable, low cost electronics, for simple field redress
- Range of pre-programmed countdown times for operational flexibility and control
- Emergency jar-up feature to disarm the timer

TECHNICAL INFORMATION

Nominal Tubing Size, in	Weight, † lbm/ft	Gauge Hanger OD, in
4 ½	11.6 - 13.5	2.2
5	15 - 24.1	2.2
5 ½	17 - 26	2.2
7	≤ 32	2.2

† Adaptor subs are available for all tubing weights within the above sizes. Contact Peak Well Systems' representatives for setting Hi-Ex Gauge Hanger in tubing weights outside of the ranges stated above.



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