

Non-explosive Setting Tools



Model 175, Model 213, & Model 263 NeoNEST for NeoPEP Wireline Run Electronic Non-Explosive Setting Tools (NeoNEST) for Neo Positive-sealing Elastomeric Plugs (NeoPEP)

Description

NeoNESTs are “Ready-to-GO” electronic non-explosive setting tools.

Model 175 Short Stroke (for use with 4’-5-1/2” NeoPEPs):

Max Temperature, Force & Stroke Capabilities: 350° F (177° C), 20,000 lbf and 55” stroke

Model 175 Long Stroke (for use with 4’-7” NeoPEPs):

Max Temperature, Force & Stroke Capabilities: 350° F (177° C), 20,000 lbf and 107” stroke

Model 213 Max Temperature, Force & Stroke Capabilities: 350° F (177° C), 25,000 lbf and 88” stroke

Model 263 Max Temperature, Force & Stroke Capabilities: 350° F (177° C), 50,000 lbf and 100” stroke

NeoNEST Features;

- Operates in vertical through horizontal orientations,
- No transportation restrictions,
- Compatible with Shooting Gamma Ray Tools,
- Operates on positive and negative polarity,
- Corrosive service and HP/HT models available,
- Wellsite report and plot of stroke vs time, and
- Wellsite report and plot of applied setting force

NeoNEST Benefits;

- Safer, more efficient field operations,
- Eliminate burdens related to the use and transport of explosives,
- Safe, easy transport by land, sea, and air without restrictions,
- No expendable costs per run, and
- Stroke rates yield superior plug, packer, and patch pressure isolation.

| NeoNEST – Standard Service Models | | | | | | |
|--|-----------------------------|-------------------------|------------------------------------|------------------------------------|-------------------|-------------------------------|
| NeoNEST P/N | Max Service Pressure | Max Service Temp | Max Applied Load Capability | Power Requirement @ Head | Run-in Dia | NeoNEST Make-up Length |
| 0410-175-001 | 15,000 psig | 350° F (177° C) | 20,000 lbf @ 55” stroke | 275 V _{dc} & 700 milliamp | 1.75” | 286” |
| 0410-175-002 | 15,000 psig | 350° F (177° C) | 20,000 lbf @ 107” stroke | 275 V _{dc} & 700 milliamp | 1.75” | 433” |
| 0410-213-001 | 12,500 psig | 350° F (177° C) | 25,000 lbf @ 98” stroke | 275 V _{dc} & 700 milliamp | 2.13” | 414” |
| 0410-263-001 | 12,500 psig | 350° F (177° C) | 50,000 lbf @ 100” stroke | 275 V _{dc} & 700 milliamp | 2.63” | 474” |