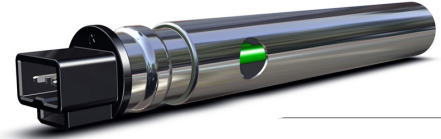


HT71 Detonator (HMX)

Titan Division | Energetics



The new HT71 Detonator from Hunting is the first and only auto-shunting, RF-Safe and wireless detonator available for select-fire perforating systems.

The HT71 Detonator has been 3rd party certified as an RP-67 compliant detonator that does not require an RF transmitter exclusion zone at the well site. The patented detonator is auto-shunted, allowing safe handling during arming which is accomplished by simply pushing the detonator into the compatible gun system's receptacle. The fully modular HT71 detonator is used in the new H-3 Perforating System - Hunting's latest plug and play perforating offering with detonator resistance reading capabilities. The combination of these technologies provides unparalleled safety and real-time performance status from detonator to surface during perforating operations.

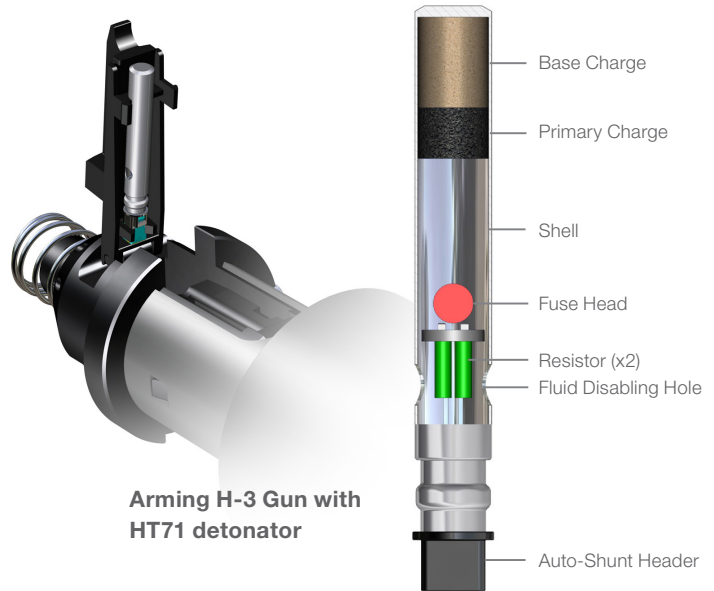
Features & Benefits

- Immune to well site RF, ESD and stray voltage
- Compliant with API RP 67 detonator safety
- Auto-shunted for safe handling
- Eliminates wire connections during arming
- Fluid Disabled
- Compatible with Hunting's H-3 Perforating System which enables detonator resistance reading at surface or downhole

Specifications

Part Number	DETO-HT7101-HK
Temperature (°F)[°C]	400 [204] for 1 Hour
Nominal Base Charge	380 mg, HMX
Detonator Shell	Aluminum
All Fire Current	800 mA
No Fire Current	200 mA @ 5 min.
Resistance	50Ω-60Ω
ESD Pin-to-Pin	25kVDC / 500 pF x 5kΩ
ESD Pin-to-Case	25kVDC / 500 pF x 5kΩ
*Fluid Disabled Rating	<30 minutes under 14 psi
Overall Length (in)[mm]	2.067 [52.5]
Max Diameter (in)[mm]	0.279 [7.1]
Firing Capability	ControlFire
Maximum Voltage (ControlFire)	+/- 500V
Maximum Current (ControlFire)	1 Amp for 12 sec. 1.5 Amp for 5 sec.
Compatible Gun System	H-3 Perforating System

* Remove the Mylar tape before use for fluid disabled rating



Shipping Information

Proper Shipping Name	Detonators, Electric	
UN #	UN 0456	
Hazard Class	1.4S	
EX Number	EX2018062010	EX2021042166
Quantity per box	200	50
Package Size (in)[mm]	17.1 x 15.5 x 11.6 [435 x 395 x 295]	9.4 x 5.0 x 17.1 [240 x 126 x 434]
Gross Weight (lb)[kg]	28.6 [13]	10.8 [3.3]
Net Weight (lb)[kg]	4.0 [1.8]	1 [0.3]
Net Explosive Weight (lb)[kg]	0.2 [0.1]	0.05 [0.025]

Warning HMX explosives can undergo a phase transition at temperature exposure above 300°F [150°C]. Refer to RP67 for guidelines on special treatment for HMX explosives.