



Owen Oil Tools

AERO

PERFORATING SYSTEM™

Streamlined by Design. Built for the Field.

A precision-engineered perforating gun system built for simplicity and certainty. From initiation to wellbore communication, it delivers maximum performance in an efficient package designed to eliminate risk and complexity.



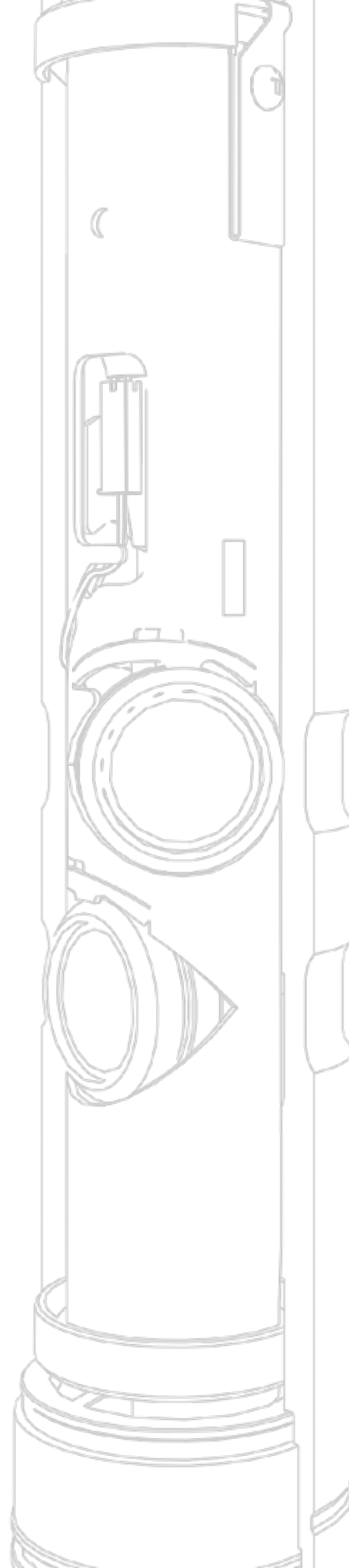


A system that aligns with your operation

AERO™ is a fully integrated perforating system that delivers unmatched reliability, speed, and compatibility across operations. The flexible gun body, through interchangeable subs, supports both reusable and disposable configurations, with only a single component change. This flexibility allows you to adapt quickly to different operational requirements while minimizing inventory complexity and cleanup.

The all-new integrated addressable detonator is an industry breakthrough, providing superior efficiency and reliability.

Say farewell to manual on-site wiring and switch-detonator connections with a holistic design that minimizes field complexity. The system adapts to your requirements, allowing you to run multiple guns with absolute confidence.



From Design to Execution One Seamless Sequence

1. Factory Ready

Factory-assembled at Owen Oil Tools' facilities, we test the entire AERO Perforating System™ to verify electrical connections before delivery to the well site.

2. Fully Owen

AERO™ is an integrated system that has been designed and engineered in-house from the ground up with proven components, ensuring no weak links to interrupt efficiency.

3. Inherent Safety

Surface diagnostics, no wiring, and no surface pressure venting, all ensure that safety remains paramount.

4. Fully Flexible

AERO Flex™ and AERO Point™ are available in disposable or reusable sub options, optimizing hardware required.

AERO PERFORATING SYSTEM™ BY OWEN OIL TOOLS



Engineered for Simplicity Built to Perform Together



AERO FLEX™

**Integrated. Rugged.
Disposable.**

Engineered for efficiency, the AERO Flex™ gun assembly uses a fully integrated cartridge system and precision banded scallop carriers to remove all field wiring and minimize parts handling. With fewer components to track, organize, and assemble, inventory control becomes simpler—and crews can build guns quickly with unmatched ease and consistency.

- Accepts wireless Aero Control™ detonator.
- Rated to 20,000 psi working pressure
- Banded scallops support multiple phasing configurations from a universal gun carrier package.
- Top-fire configuration standard for global compatibility and superior downhole survivability.



AERO POINT™

**Consistent Orientation.
Zero Human Error.**

The AERO Point™ is an internally oriented gun designed with seamless integration of AERO™ components. It features a gravity-eccentered, weighted chassis that rotates on high precision ball-bearings to align phasing to the intended horizontal plane. No external orientation hardware is required.

- Supports multiple phase configurations (e.g., 0°, 0°-180°, 90°-270°, custom).
- Springs and weight balancing ensure consistent shot alignment and survivability even in dynamic wellbores.
- Ideal for horizontal completions, especially where precision entry hole placement matters.



AERO CONTROL™

**Small and Compact.
Massive Impact.**

The AERO Control™ module is a self-contained, integrated assembly housing both the addressable switch and detonator in a single, factory-sealed unit. Compatible with conventional Warrior™ panels, the AERO Control™ reads and responds in less than a second per gun, accelerating stage transitions and shoot-on-the-fly ops.

- Over 8 million field-proven runs with current-generation switch technology.
- No internal wires. No soldering. No grounding risks.
- Fully tested at the factory; built-in diagnostics that allow for real-time confirmation of detonators during surface verification and downhole operations.



AERO RELEASE™

Fast. Clean. Controlled.

The AERO Release™ is a ballistic release device that allows the toolstring to disconnect on command, leaving behind a clean fishing neck. It provides one or more, predetermined locations in the toolstring where it can easily detach in the event the toolstring becomes stuck.

- Drop-in compatible with AERO™ tandems and top subs.
- Designed for easy maintenance and timely redresses.



AERO SET™

Simple. Fast. Reliable.

The AERO Set™ is a multi-use, field-optimized setting tool, fully integrated with the firing head and system logic. Tested to reliably shear up to 55,000 lbs at high temperature and pressure, ensuring functionality with composite and dissolvable frac plugs.

- Formulated power charge, optimized for time consistency and reliability.
- Compatible with AERO Ignite™, integrated switch and igniter which identifies both presence and successful activation of the power charge.
- Optimized to pair perfectly with the AERO Perforating System™, removing integration risk and simplifying deployment.

AERO

PERFORATING SYSTEM™



| | AERO Perforating System™ | AERO Set™ |
|-----------------------|--|--------------------------------------|
| Phasing | Fixed 0°, 60°, 90°, 120°, and 180° Oriented Customizable | n/a |
| OD | 3.13" | 3.25" |
| Length | 12" - 36" | 32.4" |
| Weight | Determined by Final Configuration | 30.5 lbs |
| Max. Setting Force | n/a | 55,000 psi (7" stroke length) |
| Temp. Rating | 350°F | 400°F ¹ |
| Pressure Rating | 20,000 psi | 20,000 psi |
| Factory Assembled | Standard | Standard |
| Posi-Set ² | Optional | |
| Plug & Play | Optional | |
| Firing Head Adapters | | Baker 10, Baker 20, GO, Customizable |
| Bottom End Adapters | | Baker 10, Baker 20, GO, Customizable |

¹ When run with the Aero Control™ switch assembly, temperature is limited to 350°F.

² Posi-Set is a feature where the power charge installation physically makes the electrical connection for the igniter and setting tool.

Panel-to-plug solutions from Owen Oil Tools

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