



ELECTRONIC MEMORY RECORDERS Gauge Bundle Carrier

Spartek Systems specializes in providing the oil and gas industry with high quality data to monitor well performance and diagnose potential problems. Founded in 1994, Spartek Systems leads the industry in providing cost effective solutions for acquiring reliable well information.

Product Overview

Spartek Systems provides a wide range of gauge carriers for deploying one to four electronic memory recorders in line or beneath the tubing string or drill pipe. The carriers are designed to minimize fluid flow restriction while maintaining high burst and collapse pressures. These carriers can be configured for measuring both internal (tubing) and external (annulus) pressures.

Data from these recorders provides invaluable information. Pressure profiles obtained during well stimulation provide a record of the efficiency of the operation. Changes in bottom hole pressure immediately following casing perforation can be used to determine the potential effects of near wellbore damage. Spartek Systems' gauge bundle carrier is a cost effective solution for conveying multiple electronic memory recorders in a tubing string or drill pipe.

Primary Features

- ▶ High Tensile Strength
- ▶ Capability to Measure Internal or External Pressures
- ▶ Metal to Metal Seals with Double O-Ring Backup
- ▶ High External/Internal Burst/Collapse Strength
- ▶ 2 - 4 Gauge Carrying Capacity*
- ▶ Thread Connections to Fit Your String

* Depending on Carrier Model



Applications

- ▶ Drill Stem Testing
- ▶ Hydraulic Fracturing
- ▶ Chemical Treatments
- ▶ Gravel Packing
- ▶ Well Stimulation

SPARTEK SYSTEMS

Providing Our Customers With "Best In Class" Technology

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Specifications:

MODEL	3.25" Carrier	3.90" Carrier	4.75" Carrier	5.00" Carrier
Length	43" (1.09 m)	46" (1.17 m)	41" (1.04 m)	100.0" (2.54 m)
OD	3.25" (8.255 cm)	3.90" (9.906 cm)	4.750" (12.065 cm)	5.0" (12.7 cm)
ID	1.50" (3.81 cm)	2.125" (5.398 cm)	2.250" (5.715 cm)	2.250" (5.715 cm)
Pressure Collapse Burst	20,000 psi 25,000 psi	17,650 psi 19,500 psi	22,000 psi 23,000 psi	25,000 psi 25,000 psi
Tensile Load	135,400 lbf (61,416 kgf)	235,000 lbf (106,594 kgf)	320,000 lbf (145,150 kgf)	400,000 lbf (181,437 kgf)
Weight	60 lbs	73 lbs	150 lbs	300 lbs
Material	4145	4145	4145	4145
Threads	2.375" PH-6	2.875" PH-6	3.5" I.F. (PIN & BOX)	3.5" I.F.
Carries	2 x .750" Gauges	2 x .750" Gauges	2 x .750" Gauges	4 x .750" or .875" Gauges

* These are the sizes that have been furnished, however, other sizes are available upon request

Specifications subject to change without notice

For More Information, Pricing, and Technical Support Contact:



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