



# SPC4® METERS

All Models

## Hand-held and Wireless Meters



## GET A READ ON CLAMP LOAD

FULLY INTERCHANGEABLE · ANY METER WORKS ON ANY SPC4™ FASTENER · REMOTE MONITORING

### Markets

Mining • Oil & Gas • Petro/Chem • Power  
• Crane • Rail • Steel • Subsea

### SPC4® Meters Advantages

- Save time and money
- Improve safety and performance
- Increase speed and repeatability for installation of bolted joints
- Reduce inspection times
- Continuously monitor clamp load
- Eliminate torque based measurements and install
- Install fasteners to correct preload with ease regardless of skill level
- Field verification of calibration via certified gage block with each meter

**ORDER YOURS TODAY!**  
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Among its many benefits, the SPC4® system enables users to measure fastener tension locally or remotely using special Valley Forge & Bolt analog, digital, wired, or wireless meters and sensors. Our full range of meters and sensors suits most budgets and applications, with each capable of reading every SPC4® fastener.

Our latest innovation, the wireless 702 series, allows for remote monitoring, assimilation into existing-condition monitoring or SCADA systems, and allows fasteners to be monitored while equipment is in use.

Other meters offer varying features, including hand-held digital display, data logging capability, intrinsically safe analog operation, and even the ability to control the power to a powered torque wrench.

See the back page to find the SPC4® meter that's right for your application.

### SPC4® 702 SERIES

Turn your SPC4® bolt into a data-gathering remote monitoring device with an SPC4® 702 series wireless sensor module.



**FOR THE FIRST TIME...**  
Directly monitor fastener load wirelessly, remotely, and while equipment is in use.



# SPC4<sup>®</sup> METERS

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### SPC4<sup>®</sup> 702 SERIES

Snap on an SPC4<sup>®</sup> 702 Series wireless sensor module to the datum-disc of your SPC4<sup>®</sup> bolt and instantly turn it into a data-gathering remote monitoring device. Sensor remains attached to the bolt collecting information that can be sent to a Valley Forge data-logging station or incorporated into your own condition-monitoring or SCADA system. Get an unprecedented look at all of your facility's critical joints. A small investment can save millions... and has.



Monitor fastener load wirelessly, remotely, and while in use.

### SPC4<sup>®</sup> 600A

Hand-held electronic load-indicating and data-logging system. Digital display shows current location, bolt number, date, time, and load percentage. Easily assign location and fastener number. After maintenance checks are complete, all information is e-coded to PC using the provided software and connection cable.



### SPC4<sup>®</sup> 406A

Hand-held electronic load-indicating system with optional bluetooth output. Simple to use, with a clear digital display showing fastener load as a percentage of minimum yield. Best used for installation, with Model 500A employed for maintenance checks.

### SPC4<sup>®</sup> 500A

Hand-held, mechanical meter with dial indicator. Simple, intrinsically safe tool for maintenance tasks. Comes with calibration tool for easy field calibration.



### SPC4<sup>®</sup> 424A

Hand-held electronic load-indicating system with Hydraulic torque wrench control. Ideal for large scale projects to speed up installation of bolted joints. Simply set the 424 meter to desired load, attach and tighten fastener. When the fastener reaches the desired load, power automatically shuts off.



ALSO AVAILABLE

**SPC4<sup>®</sup> LOAD INDICATING SYSTEM**  
Data-Indicating Fasteners and Remote Monitors  
System includes:

- Fasteners capable of indicating tension
- Range of fully interchangeable analog, digital and wireless meters
- Remote monitoring with data logging

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