



Big News from Capacitec! – We are getting thinner...

Capacitec announces the GPD-1.5SW(.004)-A-150, the thinnest back-to-back capacitive gap sensor ever. A flexible 0.0040" (100 Micron) thickness capacitive sensor wand designed to virtually eliminate tilt error. Ideal applications include gap measurements in slot die coaters used in EV-electric automotive battery production, tight Aerospace composite structural components interfaces, and Tape coating manufacturing operations including roll-to-roll measurements.

State-of-the-Art in Gap Measurement: GPD-1.5SW(.004)-A-150 / Gapman Gen4

The GPD-1.5SW has symmetric back-to-back capacitive sensors to measure into 5.9" (150mm) deep gap positions, as small the thickness of a piece of paper. Capacitec's newest portable Gapman Gen4 (with BT 4.0) supports these super thin gap sensor wands. Customers can select a gap range of 1000 Microns or 500 Microns with resultant resolutions of 100 or 50 nanometers.

Product Introduction: October 22 – 24 Novi, MI at the Automotive Testing Expo North America



The Gapman Gen4 and the GPD-1.5SW(.004)-A-150 will be formally launched at the Automotive Testing Expo North America October 22 – 24. Production Quantities of both the Gapman Gen4 and the thinnest back-to-back gap sensor available today are currently orderable for current delivery.

The Gapman Gen4MP

The Gapman Gen4MP Capacitec's new super thin gap sensor technology is also available in application specific multipoint sensor configurations of up to 8 integrated positions with the Gapman Gen4MP. Capacitec's spatially positioned sensors drive tremendous productivity, quality, and ROI gains on our customer's manufacturing floor. Production Quantities of both the Gapman Gen4 and the thinnest back-to-back gap sensor available today are currently orderable for current delivery.

Additional Focus on Critical Gap and Displacement Measurement

The standard Gapman Gen4 also supports a wide range of probes for a tremendous variation of gap measurement applications across many technologically advanced industries. This includes aerospace wing and fuselage assembly, automotive EV battery testing, fit and finish final assembly, and semiconductor production multipoint parallelism measurement.

Visit our [Gapman page](#) to learn more about how our technology has transformed production and quality enhancements for our customers.

Get in Touch

Ready to move beyond traditional feeler gauges?

[Tell us About your Application](#)

Capacitec's advanced gap measurement solutions deliver greater accuracy, reliability, and efficiency than those outdated mechanical options. Our application engineers are here to help you optimize your operations.

Email an Application Engineer: sales@capacitec.com

Explore our solutions: www.capacitec.com

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