

CogniTens Ltd.
55 Hanevi'im St. PO Box 1713
Ramat Hasharon 47282, Israel
phone: +972 3 548 8222
fax: +972 3 547 2224

www.cognitens.com
info@cognitens.com

a part of the Hexagon Group



Ogihara Enhances Production Quality with CogniTens OptiCell

OptiCell helps eliminate hundreds of inspection hours and reduces number of quality loops while meeting highest automotive quality standards

Press
Release

CogniTens

Ramat Hasharon, Israel, September 18th, 2008 – CogniTens, part of the Hexagon Metrology group and a leading provider of 3D optical measurement solutions, in partnership with its systems integration partner, InspectionAir Gauge, announced today that Ogihara America Corporation will expand the successful implementation of the OptiCell system in its facilities. Ogihara, a US-based Tier 1 supplier to the automotive industry will launch its second CogniTens fully automated 3D optical measurement solution for measuring sheet metal parts and assemblies.



Ogihara installed its first OptiCell in mid 2007 and based on customers' requirements has over 50 different parts to measure as details and shipping units before delivery to the OEMs' assembly plants. Ogihara's unique process combines OptiCell's white light measurement technology with fast and agile laser welding systems installed at Ogihara's manufacturing facility. Ogihara complements detail part inspection with functional build applications to produce the best parts for its automotive

customers. OptiCell provides Ogihara's production associates with instant line side data required to make comprehensive functional build adjustments as needed. The ease of use, rich metrology data set and location on the plant floor turned the OptiCell into a welcomed asset for the Ogihara launch and production teams.

"We were pleased with the performance of the CogniTens InspectionAir Gauge cell and decided to expand its use in our processes," says Steve Peca, Executive Manager for Quality Assurance at Ogihara America. "We are realizing less quality loops for the new



production and assembly tooling and have them ready for production faster than ever before. During launch phases OptiCell's 3D measurement results makes it easy to reach a full understanding of our initial part quality and allows us to focus our quality support efforts to customers during launch team part reviews. Based on our experience, the OptiCell has paid for itself in about three months simply by eliminating hundreds of CMM inspection hours and

iterative quality procedures."

"Each cell that we provide to customers has been tuned based on lessons learned and enhanced with best practices and latest technologies to offer Ogihara the very best shop floor measurement solution," notes Ray Sparnaay, InspectionAir Gauge General Manager. "We are now at the point at which the modular design of these cells allows us to go from idea, to concept to shop floor integrated cell in a fraction of the time required to build traditional fixtures. CogniTens continues to take a market-driven approach to system and software development, which supports such a shift in process from traditional fixtures and probing to white light shop floor measurement."





“The close cooperation we enjoy between Ogihara, InspectionAir and CogniTens has strengthened by virtue of Hexagon Metrology’s acquisition of CogniTens,” added Dr. Danny Albeck, CogniTens General Manager. “Hexagon Metrology has integrated the CogniTens product line into its family of well developed market proven industrial metrology technologies. Today, CogniTens’ global customers are benefiting from the

established infrastructure Hexagon has developed to support its large customer base. We are delighted with Ogihara’s decision to expand its use of our systems and believe it would further enhance their competitive standing as an innovative high quality automotive supplier.”

About Ogihara America Corporation

Ogihara America Corporation is a subsidiary of the Japanese Ogihara Corporation, one of the largest independent automotive die manufacturers in the world today. Ogihara began its US production and assembly operation in 1987 and has been known since then as a leading Tier 1 supplier known for its exceptional product quality of automotive class A parts, assemblies and related body panels. Ogihara operates in the US from Howell, Michigan. Ogihara’s production facilities provide critical parts and assemblies to General Motors, Ford and DaimlerChrysler as well as to several Japanese “transplants” across North America.

As part of the Ogihara tradition its America facilities along with more than a dozen other Ogihara facilities around the world share common processes for ensuring lean and streamlined operation. Common processes help Ogihara develop and manufacture more cost effectively while ensuring the best quality for the customer at all times. For more information please visit: www.ogihara.com

About InspectionAir Gauge

InspectionAir Gauge Limited was founded in 1963 in Windsor, Ontario Canada. InspectionAir is a world-class manufacturer of both attribute and variable inspection solutions catering to the Automotive, Aerospace and Medical industries. In 2003 InspectionAir joined CogniTens as a representative for both Optigo and OptiCell products to address the shifting market away from the traditional fixturing for sheet metal and plastic automotive part validation. InspectionAir is one of three companies that make up the CET Group of companies. Canadian Engineering and Tool manufactures metal stamping dies and use an Optigo 200 as an integral tool in the die development process. The third company in this group, Trudie Limited is a world leader in the design and development of tooling for the Powder-metal products industry. For more information please visit: www.inspectionair.com

CogniTens

CogniTens is a leading provider of comprehensive dimensional measurement solutions, focused on improving engineering and manufacturing processes in the automotive and other manufacturing industries. Through its Optigo and OptiCell product lines based on innovations in 3-D non-contact measurement technology, especially designed for manufacturing environments, CogniTens allows its customers to significantly improve product quality, shorten development cycles, and cut manufacturing costs. CogniTens’ solutions enable its customers to run efficient vehicle development processes and production launches.

Hexagon Metrology

Hexagon Metrology is part of Hexagon Measurement Technologies, a newly formed business area within the Hexagon Group. Hexagon Metrology includes leading metrology brands such as Brown & Sharpe, CE Johansson, CimCore, CogniTens, DEA,



Leica Geosystems (Metrology Division), Leitz, PC-DMIS, Quindos, ROMER, Sheffield and TESA. With an installed base of more than 50,000 CMMs, over 7,500 portable systems, millions of hand-held instruments and over 30,000 licenses of the popular PC-DMIS metrology software, Hexagon Metrology daily supports its customers to fully control their processes and ensure that what has been designed is in fact manufactured. The company offer of machines, systems and software is completed by a wide range of product support and aftermarket services.

For further information, please contact:

Tal Vagman
Marketing & Business Development Manager



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Phone: +972 3 5488222
Fax: +972 3 5472224
E-mail: info@cognitens.com
Internet: <http://www.cognitens.com>
<http://www.hexagonmetrology.com>

