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For immediate release

Moritex announces the release of new High Power Simple Dome Illumination with the latest power LED

*- High Power Simple Dome Illumination **MSDC Series** gives you 3x brighter and highly uniform diffused lighting -*

Tokyo - Moritex Corporation (CEO and President: Noboru Matsuoka, TSE: 7714), a leading manufacturer of machine vision and digital imaging products, announced that it shall launch a new dome lighting product series in January 2012. The latest addition to the highly renowned MG-Wave Series was already displayed at Moritex booth in ITE 2011 IN JAPAN on December in Yokohama and very well received by professional users in image processing.

The MSDC Series, Moritex's new high performance dome Illumination, was developed in an effort to meet the requirements of food, chemical and pharmaceutical packaging industries as well as increasingly demanding electronic component inspection applications.

The newly adopted high-power LED makes the brightness of dome lighting triple compared to Moritex's conventional products*, while ensuring a high standard of uniform diffused lighting without reflected glare of LED.

**Dome illumination MDML Series products*

Engineers in Moritex Saitama Factory and Product Management managers in charge of the product development are confident that the MSDC Series can be the best solution for lighting objects with curved and/or glossy surfaces. "We have two different diameter types, 156mm and 400mm in 4 colors. The 156mm type was developed with thorough lightweight designing, about 1/6 the weight of our conventional product, to increase customer's freedom of system installation, and the 400mm type can be efficiently used for a large 300mm wafer inspection" says Mr. Masahiro Mori, a manager in Product Management, Moritex Corporation.

Moritex aims to stay as a leading company in Machine Vision Systems by offering the optimal image processing environment combining its illumination such as the MSDC Series, lenses and cameras to professional users as a one-stop total solution provider.

■ High Power Simple Dome Illumination “MSDC Series”

Application: - Visual inspection of semiconductor and electronic components, food, chemical and pharmaceutical products, packaging and car parts inspection, etc.

- Main feature:
- Constant current controlled
 - Non-halation diffused lighting
 - 4 colors available (Red, White, Blue and Green)
 - Lightweight design (156mm type)
 - 300mm wafer lighting capability (400mm type)
 - Much less expensive than conventional products

Model	Color	Internal diameter (mm)	External diameter (mm)	Max height (mm)	Weight (g)
MSDC-CR156	Red	φ110	φ156	66	270
MSDC-CG156	Green	Φ110	Φ156	66	270
MSDC-CB156	Blue	Φ110	Φ156	66	270
MSDC-CW156	White	Φ110	Φ156	66	270
MSDC-CR400-3CH	Red	Φ360	Φ424	207	2,600
MSDC-CG400-3CH	Green	Φ360	Φ424	207	2,600
MSDC-CB400-3CH	Blue	Φ360	Φ424	207	2,600
MSDC-CW400-3CH	White	Φ360	Φ424	207	2,600

■ Product images



MSDC-CR156



MSDC-CB400-3CH

- Price: 120,000yen (156mm type)
Open (400mm type)
*Domestic prices in Japan for reference

- Sales target for the first year: 40million yen

- Product release: January 2012



About Moritex Corporation

Moritex started its business in 1973 in the import, export and domestic distribution of fiber optics and a variety of other special materials and equipment. Today, the company manufactures and engages in businesses related to applied optical equipment and functional materials. Moritex is a global leader in machine vision and industrial business. The company employs its optical and lighting technologies, the core technologies of the company since its foundation, to develop, manufacture and distribute machine vision equipment by combining lenses and lighting systems, primarily for customers developing semiconductor production, electronics component mounting and FPD manufacturing equipment. Sales in the fiscal year which ended in September 2011 were 11.9 billion yen. Listed on the first section of the Tokyo Stock Exchange (Securities code: 7714).

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