

SYMETIX® BACKGROUNDER

SYMETIX is the business unit of Key Technology, Inc. that focuses on the pharmaceutical industry. With \$134 million in sales in FY 2008, Key Technology is synonymous with best-in-class process automation systems for the food processing and industrial markets. If you eat a french fry, green bean, or potato chip, chances are good you're eating a product that's been through some combination of Key's electro-optical inspection and sorting systems, vibratory conveying systems, and specialized processing equipment. Key's strength is affirmed by its strong customer relationships with major food and pharmaceutical companies with thousands of processing systems worldwide.

The pharmaceutical industry is not new to Key Technology. In 1996, Key entered this market with the patented I300® solid dose inspection system, and within ten years, grew to support over 70 fully FDA-validated inspection applications in the pharmaceutical industry in five countries. In 2005, Key established SYMETIX to further develop and support this important strategic market.

Today, SYMETIX brings an industry-specific focus to the pharmaceutical and nutraceutical industries while also delivering the benefits of a well established, financially strong, global parent company with world-class R&D, manufacturing, service, and sales. SYMETIX is in a unique position to help pharmaceutical and nutraceutical manufacturers, contract packers, and brand owners around the world deliver consistently high product quality and meet growing regulatory requirements while improving operating efficiencies and reducing labor costs.

SYMETIX products currently include:

VeriSym™	A compact high volume bulk optical inspection system for verifying solid-dose OTC and regulated pharmaceuticals and nutraceuticals, VeriSym verifies product color, size, and shape and removes defects and foreigners (rogues) from the product stream. In half the floorspace of other bulk inspection systems with similarly high throughput and resolution, VeriSym inspects up to 1,000,000 doses per hour.
OptyxSG®/N	A high volume bulk optical inspection system for nutraceutical tablets and softgels, OptyxSG/N inspects up to 1,000,000 doses per hour, verifying product color, size, and shape to detect manufacturing defects, foreign doses, and foreign objects and remove them from product flow.
OptyxSG®/P	Ideal for OTC and regulated tablets and softgels, the FDA 21 CFR part 11 compliant OptyxSG/P achieves similar results as the OptyxSG/N with the addition of a full complement of security and logging features that allow validation for pharmaceutical manufacturers and contract packers.
Impulse™/P	A high volume size grader for tablets and softgels, Impulse/P can be configured for either two- or three-way size separation. Featuring a large infeed hopper and a servo-controlled infeed gate that eases integration with other automation, Impulse/P handles up to 1,000,000 doses per hour and can be changed over and sanitized in only five minutes.

PulseScrubber®	The industry's first continuous polishing system for softgels, PulseScrubber operates unattended, providing totally automatic, solvent-free polishing of up to 1,000,000 doses per hour. It achieves consistent polishing while eliminating the need to manually transfer product to and from traditional polishing tumblers.
CSFL™	SYMETIX's Continuous Softgel Finishing Line™ integrates several continuous processes from the outfeed of the encapsulation machine to bulk packaging to achieve fully automated, high throughput softgel finishing. By eliminating traditional batch operations, CSFL dramatically reduces labor while improving the flexibility of the manufacturing line.

SYMETIX maintains demonstration and testing facilities, manufacturing, engineering, R&D, parts, and service at its headquarters in Walla Walla, Washington USA. SYMETIX extends global support through Key Technology facilities in Beusichem, The Netherlands; Shanghai, China; Melbourne, Australia; and Col. Centro. Queretaro, Qro., Mexico.

SYMETIX core competencies include proven experience in the pharmaceutical industry, industrial automation, FDA 21 CFR part 11 compliant machine vision technology, FDA regulatory compliance, and GAMP design. These competencies, along with a combination of SYMETIX proprietary product technologies and special adaptations of proven Key Technology products, enable SYMETIX to deliver a unique level of professional, comprehensive, and commercially savvy automation solutions.

Founded in 1948, Key Technology, Inc., is a public company that trades on the Global Market tier of The NASDAQ Stock MarketSM under the symbol: KTEC. An ISO-9001 certified company, Key also holds CE certification and features a UL-listed panel shop.

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