China Array Plastics

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China Array Plastics Helps OEMs Grow Nuclear Medical Imaging Market with Advanced Injection Molded Manifolds

New Line of High-End Manifolds Used in FDG Synthesis of Radiopharmaceuticals for PET Scans Gives Medical Component Manufactures Major Competitive Edge

Pittsfield, Mass. – February 3, 2010 – China Array Plastics, a full-service injection molder of high performance thermoplastics (HPTP) headquartered here, with a wholly owned foreign enterprise (WOFE) subsidiary in Wuhan, China, today announced a new line of manifolds featuring three-way stall cocks used in FDG Synthesis of radiotracers for PET scans.

Manufactured at the company's state-of-the-art HPTP molding facilities in Wuhan, the components are molded from Solvay Advanced Polymers' Udel® polysulfone (PSU) resin and medical grade polypropylene (PP), offering medical OEMs excellent chemical resistance to reagents and sterilization; exceptional tensile and impact strength to withstand the rigors of the FDG synthesis process; and the dimensional integrity needed to maintain hermetic seals. China Array also offers manifolds in Solvay's Radel® R Polyphenylsulfone (PPSU) resin and Radel® A Polyethersulfone (PES) resin for a range of demanding medical applications.

FDG synthesis takes place in a contaminant free, sealed system. Timed rotation of the stall cocks within the manifold creates a controlled chemical reaction to isolate isotopes in proper amounts. It requires an air tight plastic-to-plastic seal between manifold and stall cock, yet a smooth rotating action.

"These complex, precision manifolds, which were initially developed by China Array for a Chinese Nuclear Medical Company, are now available worldwide," said Carl Olson, China Array's vice president of Sales and Marketing. "The ability to provide global medical OEM's with the up-front engineering necessary for high performance thermoplastics projects and then seamlessly execute manufacturing in China is key to China Array's success."

China Array engineers HPTP solutions for medical OEM's in the US, Europe and Asia: molded retractable scalpels from polyetheretherketone (PEEK); endoscope probes from Polyphenylsulfone (PPSU); dental composite dispensers from polyethersulfone (PES); and veterinary milk metering flasks from Polyetherimide (PEI). Incorporating of high end polymers into medical devices is increasing exponentially, as demand for better portability, ergonomics and aesthetics grows.

High performance polymers used to make medical devices offer melt temperatures three-to-five times higher than traditional plastics and produce excellent molding characteristics. Different grades of semi-crystalline and amorphous polymers used for medical devices melt, flow and cool better, as do filled and non-filled resins, vs. low performing materials.

About China Array Plastics

China Array Plastics is a full-service custom injection molder specializing in high-performance thermoplastics. The company was founded by Russell Johnson, who has been contract manufacturing industrial products in China since 1980. Johnson has also served as an advisor to Harvard Business School's Asian Research Center on manufacturing in China.

China Array Plastics selected Wuhan for its China headquarters due to the city's historical position as the heartland of Chinese industry. Wuhan, a city of nine million and home to several universities and technical institutions, offers skilled workers, a well developed infrastructure, and excellent distribution. The capital of Hubei Province, Wuhan straddles the Yangtze River at the nexus of main river, rail, and highway routes running north/south and east/west across China. Approximately equidistant from Beijing, Shanghai, and Hong Kong, it is perfectly situated for supplying customers within China or for reaching coastal ports for export.

China Array Plastics is an American company. The molding facility – technically called China Array Wuhan – is a wholly owned foreign enterprise (WOFE): a structure that allows China Array Plastics to protect its customers' intellectual property rights and gives them the confidence of dealing with a firm that operates under the laws and business practices of the United States.

For more information on China Array Plastics go to: www.chinaarrayplastics.com

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PHOTO: *Manifold Used in FDG Synthesis of Radiopharmaceuticals for PET Scans*

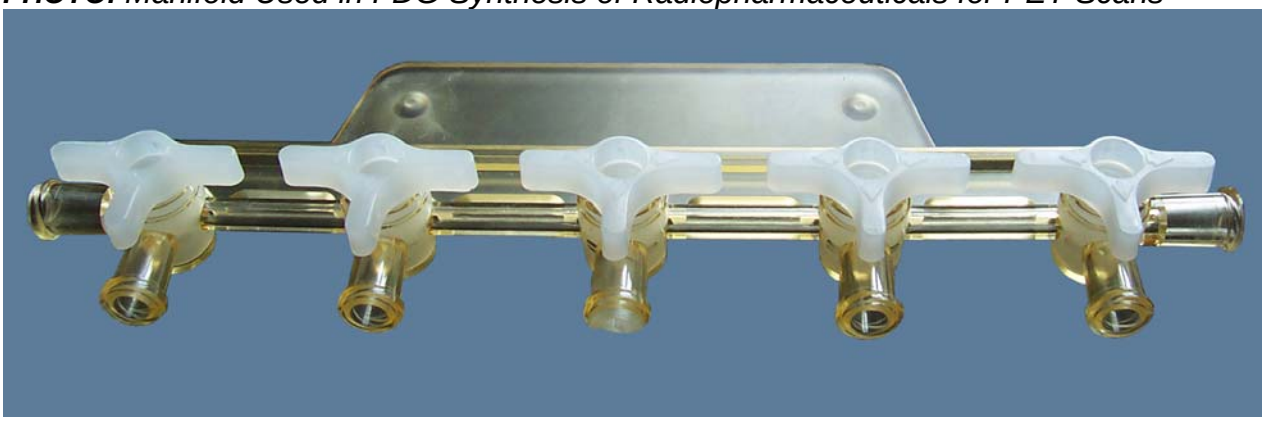

PHOTO: *Medical Injection Molding Cells at China Array Wuhan, Wuhan, China*