

Disposable Medical Product Gains Worldwide Recognition for Versatility and Cost Effectiveness

The global medical device market exceeded sales of \$336 billion in 2008. It is dominated by U.S. companies and is closely followed by increasing demands in Europe and Asia. To satisfy the worldwide demand and challenges associated with designing and manufacturing disposable medical devices, Fischer Connectors (Booth 732) introduced its limited use connector system, the Fischer L.U.C., which currently is a cost effective, high performance disposable solution.

Numerous companies worldwide are now deploying medical device products containing the Fischer L.U.C, and are profiting from the many advantages offered by this unique connector solution. Applications currently in use include hand-held surgical devices, brain catheters, portable oxygen generators, peripheral vascular treatment systems, and cosmetic regenerative equipment. A major customer in Germany specified the Fisher L.U.C. for portable oxygen generators following Fisher's ability to quickly deliver customized prototypes. Another European customer wanted Fisher's L.U.C. for a blood washing application; another for part of its optical surgery equipment; while a customer in Asia thought the Fisher L.U.C. system to be a good fit for a disposal TV endoscope application.

"Years ago, we saw the medical industry moving towards low cost, disposable medical device applications," says Daniel Spycher, International Sales Director, Fischer Connectors SA. "What makes the L.U.C. system so unique is its list of accommodating characteristics that appeal to the engineer tasked with designing a disposable medical device. It's customizable, reliable, matable with metal receptacles, and possesses uncompromising performance."

The Fischer L.U.C. customizable plastic interface shell is designed to accept standard contact block configurations, so engineers are not limited in determining what happens behind the interface connection. Hybrid connector configurations are also available to facilitate the integration of fluid and fiber optics, if desired. Electrical contacts can be mixed with fluid/gas contacts or POF (Polymer Optical Fibre) ideal for transmitting light. And for discerning environments, three colors are available to prevent mismatching of critical connections.

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