

AMF - Technology

Analytical, Medical and Liquid Handling Sub-Assemblies

LABOMATIC Instruments AG

Ringstrasse 13, CH-4123 Allschwil, Switzerland

T.: +41 61 485 80 00 F.: +41 61 485 80 19

E-Mail: info@labomatic.com

Internet: www.labomatic.com

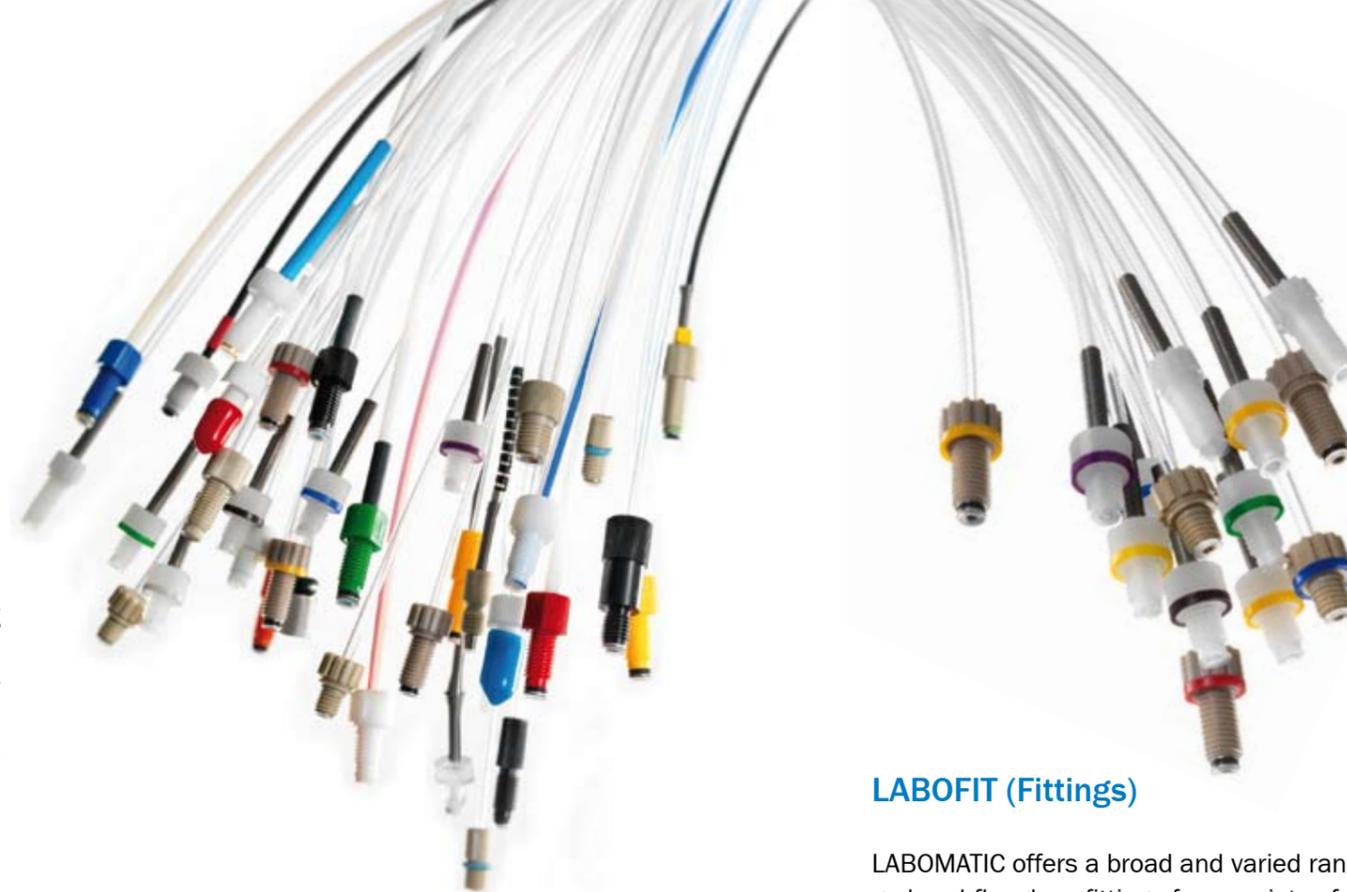
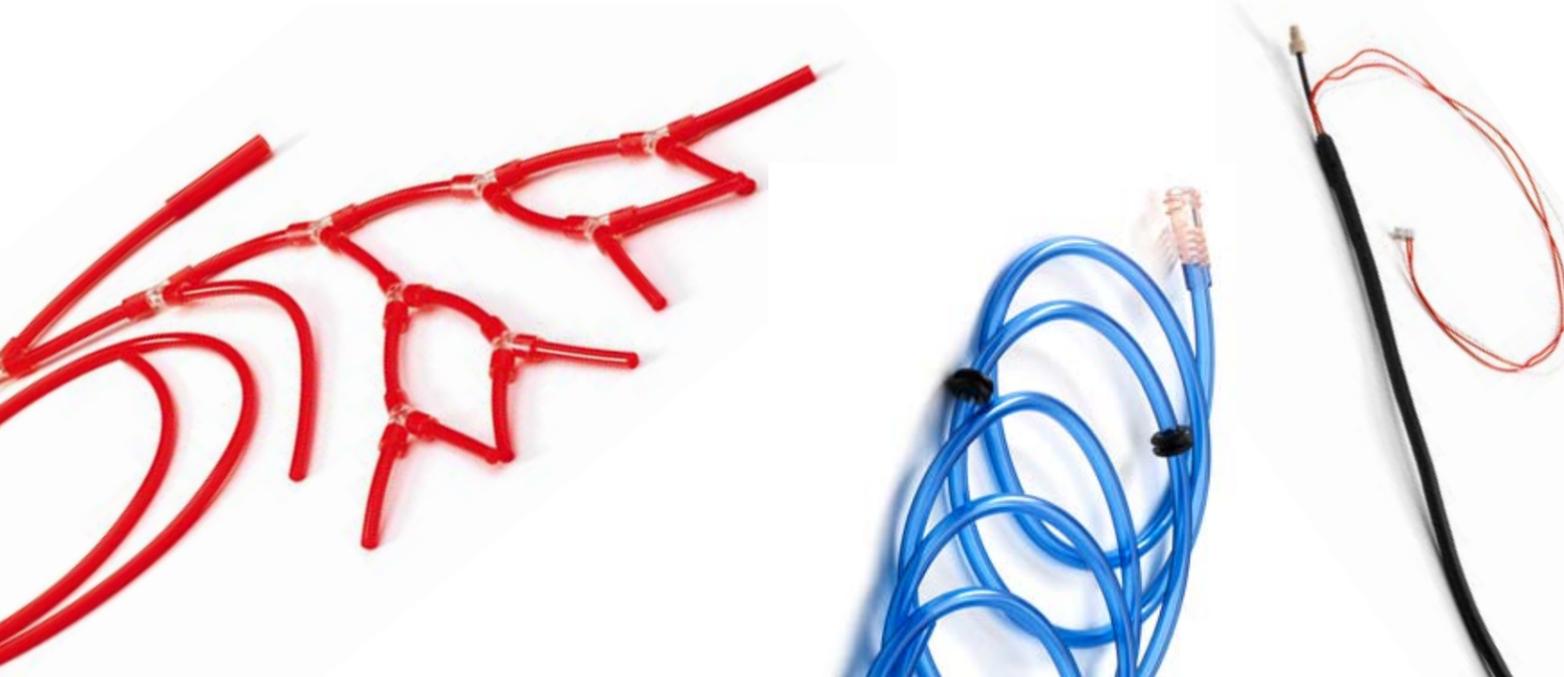


Experience, Quality, High Precision

The LABOMATIC Instruments AG can look back on many years of experience in designing, developing and manufacturing sub-assemblies for liquids. Many international producers of instruments for analytical, diagnostic and medical applications and for fluid technology place their trust in our know-how and the quality of our products.



As a customer-focused company we attend to and support our customers from the concept phase to the end product. To this end, we maintain an extensive range of far in excess of 5,000 individual components. In addition, we manufacture customized complete solutions, in the process of which we develop and use customer-specific components.



All our products display high precision and tight tolerances. Various cleansing steps ensure that the manufactured assemblies are flawless, thus providing you with the highest standard of quality. For example, for manufacturing tubing, we can use raw materials specified by LABOMATIC. Each batch is subjected to a chemical and technological control procedure. The quality control documentation ensures 100% reliable traceability, with our material logistics guaranteeing that components, even customer-specific ones, can be re-ordered at any time.

LABOFIT (Fittings)

LABOMATIC offers a broad and varied range of flanged and flangless fittings for a variety of purposes. The fittings can be colored or color-codeable, consisting of selected materials (POM, PVDF, PP, PEEK, PPS, electrically conductive). They are available in a variety of sizes for various outside diameters of the tubing, and as self-locking fittings with or without energy storage elements.

NEW Our **Easy-Fit** Fitting Systems, enabling you to tighten at an adjustable torque – uniquely available with an additional, external torque key.

Tubings and Assembled Tubings

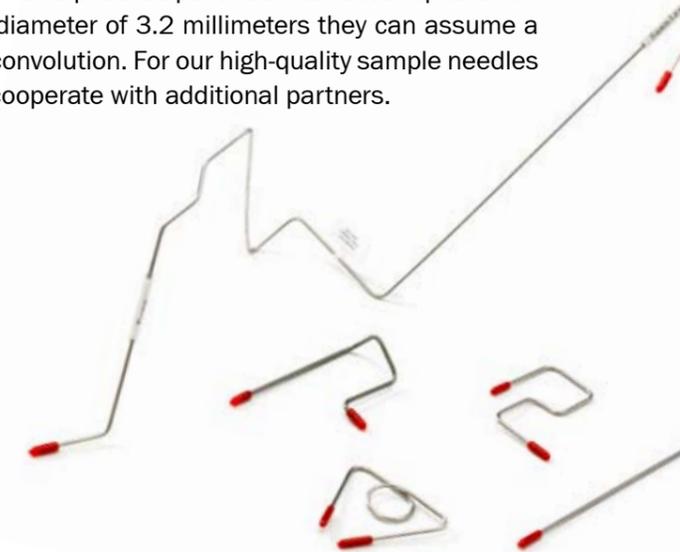
Our tubings are manufactured from selected and custom specified raw materials (PTFE, FEP, PFA, MFA, ETFE, PEEK, silicone, Tygon and PVC) and can be provided colored or striped/colored. Markings can be imprinted directly on the product. Electrically conductive PTFE tubing is also available. In addition, we offer the entire product range of our partner APT Advanced Polymer Tubing GmbH, a manufacturer of highest quality fluoropolymer tubing and heat shrink tubing.

Along with other assemblies we offer a variety of assembled tubings with an outer diameter of up to 3/8" or greater, including dead volume free assembled soft tubings as well as heatable, thermally convoluted and/or interwoven tubing.



Stainless Steel Capillaries and Sample Needles

Our stainless steel capillaries are deburred with precision and possess polished interfaces. Up to an inner diameter of 3.2 millimeters they can assume a 3D convolution. For our high-quality sample needles we cooperate with additional partners.



Ceramic Valves

Our ceramic valves are dead volume free rotary valves for system pressures of up to 30 bar. They can be constructed according to customer specifications.



Custom Manufacturing

With respect to all the mentioned products we offer individually manufactured, and thus customer-specific, components or entire systems. We can support you to meet your specific engineering challenges by developing appropriate solutions.

Don't hesitate to speak to us!



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