



Whatever kind of coating you need, Formacoat can help.

Formacoat's expertise provides a one-stop shop for a wide variety of coating technology from different vendors to streamline the process of producing and analysing samples to choose the best coating for your needs. Explain what you need and why you need it, and the company does the legwork to canvass the industry for the best type of coating for your needs.

As an ISO-13485-certified contract manufacturer, Formacoat has an array of coating technology from different coating manufacturers that it can use to meet a wide spectrum of applications. It also carries out final inspections, assembly and packaging.

You may have even more specialised needs of superhydrophilic or superhydrophobic coatings that are thinner than lubricious coatings. Perhaps, you have even more specialised devices that maybe need a nanotechnology-category hydrophilic or hydrophobic coating, including inorganic/ceramics and special metal treatments from the orthopaedic industry. Each of these has different characteristics that may meet your product's unique needs.

Different coatings and chemistries have different strengths. Just like you wouldn't dream of hauling plywood in a Ferrari, some coatings work better than others in some situations and less so, or not at all, in others. Part of Formacoat's job is to wade through all the options in an effective and efficient manner for you.

Whether you have catheters, balloons or guidewires, or some other special-shaped device, including film, foam or screen-mesh applications that would benefit from a coating, Formacoat has the tools and development expertise to address a wide array of challenges.

When the process and product development and validation are done, Formacoat does the commercial coating for you so that your R&D and validation programmes are always working with the team that will be doing commercial production, not just the coating manufacturer. Its experience with standard and unique devices means that in situations where it may be near the last step in your supply chain before sterilisation, Formacoat can perform final assembly steps, inspection and sterile barrier packaging for you. With its expertise, working with Formacoat from the start can streamline the entire coating process.

Further information
Formacoat
www.formacoat.com

A personal robot at your disposal



P-Rob 2 is completely safe for human-robot interaction.

F&P Robotics, based in Switzerland, is a leading high-tech company in the field of personal robotics. Its main product, P-Rob, is a safe robotic system designed to assist and work in collaboration with humans. Medical and laboratory professionals count on P-Rob wherever it can relieve them from repetitive work with high quality standards.

As a stand-alone solution, P-Rob can prepare and label test tubes, package and sort samples, and execute quality tests. In combination with analytic apparatuses or other technical equipment, P-Rob can load and unload machines, and check manufacturing processes. As a result, medical professionals can concentrate on adding value and carrying out less mundane care activities.

P-Rob is an all-in-one solution including a robot arm, gripper and software. It can be set up and programmed by a non-robotic professional after half a day of training. The software is browser based, allowing the robot to be controlled via tablet or smartphone.

Further information
F&P Robotics
www.fp-robotics.com

Fast, silent and reliable A4 printing

While digitalisation is inevitable, hard copies remain important in the medical world of today. Prints for echography, cardiography or ECG are currently made using dot matrix printing. Fujitsu has developed a solution able to print silently on A4-sized medical monitoring paper designed specifically for the silent printing of these test results.

The newly released Fujitsu FTP68EMCL printer is capable of printing on Philips monitoring paper, on-roll paper or fan-folded paper. Fujitsu's R&D department has focused its printer design to operate smoothly based upon today's medical paper standards. The FTP68EMCL comes as a 6 or 8in thermal printer mechanism with straight paper pass, a printing speed of up to 100mm/sec and resolution up to 300dpi.

Fujitsu has designed its printers with ease of



The FTP68EMCL is an A4-sized thermal printer.

integration and operation in mind. The metal frame offers hassle-free mounting and provides a stable, unbendable backbone. The well-known Fujitsu easy paper-loading system has also been integrated in the FTP-68EMCL series, allowing fast and fuss-free paper replacement.

Fujitsu thermal printers are respected for their innovation, quality and, most importantly, reliability. With a history of over 25 years in the design of thermal printers, Fujitsu is able to offer a wide range of standard and customised printing solutions. The company's printers are also used in other types of medical equipment, such as measuring equipment, medicine dispensers, blood analysers and vision testers.

Further information
Fujitsu
www.fujitsu.com/uk/components

A low-power pinch valve replacement



The solenoids have an impressive 50-million-cycle life expectancy.

The wide range of miniature push/pull solenoids from Geeplus are ideally suited to situations requiring a robust device with a high holding force