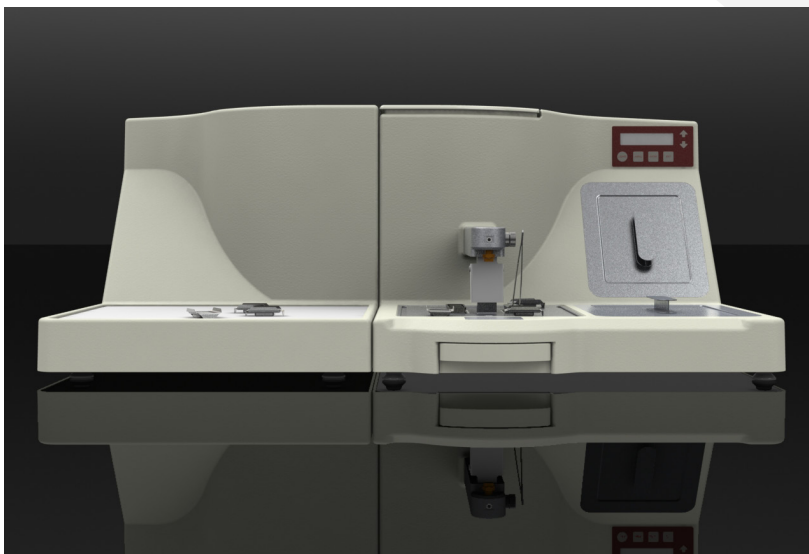


Analytical Appliances & Test Equipment Development



Sigma Design develops and builds laboratory processing equipment and analytical test systems following the guidelines of IEC 60601 and UL 60601.

We are experienced in systems that control and measure various process parameters including: thermal, pressure, laser optics, magnification, precision pumping, fluid processing, filtration, mixing, precision XYZ stage control, and linear actuation. Sigma utilizes the latest in laser, LED, stepper, peltier, piezo and peristaltic technologies.



Used in histology laboratories, the Tissue Embedder and Cryo System are ergonomically designed, providing laboratory technicians greater comfort and processing efficiency. The cold plates, hot plates, paraffin melting chamber, as well as all electronics and housings, were designed and prototyped in-house.



SIGMA DESIGN developed a high pressure testing chamber used to burst cell walls. The GM French Press uses a hydraulic press and carefully machined parts to produce pressures up to 40,000 psi. It opens new areas for development in medicine, cell research, tissue growth for replacements, large scale biomedical production by perfusion, and others. The medical device equipment complies with GLP, GCP, GTP and GMP standards.

Your trusted one-stop resource for end-to-end product development and commercialization solutions, on time and on budget.

TURNING SMART IDEAS INTO PRODUCT SOLUTIONS

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