

Medical Wire

PTFE wire (poly-tetra-fluor-oethylene) is used in many applications, where wire, catheters, and cannulas interact with each other and the body, to reduce friction and provide easier movement. The new, high quality, lubrication coating for **Sandvik Bioline** wire can be applied in thicknesses from 0.00005" (0.00127mm) to 0.0005" (0.0127mm), to wires from 0.001" (0.025mm) up to 0.030" (0.762mm) diameter. It can also be applied to wires in any medical grade material including all the stainless alloys and super alloys used in the medical device industry.



For more information, go to www.sandvik.com/bioline.

Test Meter

Fluke Biomedical has released the DPM2 Plus Digital Universal Pressure Meter, a pressure meter designed to measure the positive and negative pressures of medical devices in either liquid or gaseous form to assist in repair and quality control. When coupled with the optional Parabolic Flow Adapter accessory, the displayed pressure can be interpreted using the look-up-table supplied with the parabolic flow adapter to determine flow from medical devices.



For more information, go to www.flukebiomedical.com.



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Imaging Software

The Value Engineering Alliance announces the availability of AVIA, inspection software specifically developed to provide reliable detection of subtle defects even when they reside in extremely large (~10 gigapixels) images. The software detects defects by comparing images of items or scenes of interest to their respective stored reference images. It optimizes its accuracy and repeatability by relaxing assumptions about image registration and employing proprietary image processing techniques. All differences that AVIA identifies as exceeding user-specified size and contrast thresholds are located, marked, ranked, and tabulated.



For more information, go to www.The-V-E-A.com.

Sleep Therapy System

Respironics, Inc. introduces its REMstar Pro M Series, a line of sleep therapy systems that provides patient comfort and ease of use in a sleek, modern design. Comfort features such as a ramp feature and integrated humidification are incorporated into the design. The optional ramp feature reduces the air pressure when a patient is trying to fall asleep and then gradually increases (or ramps) the pressure until the device reaches the patient's prescription setting.



For more information, go to www.respironics.com.



Tubing Guards

Processing hazardous fluids can be potentially dangerous with poor connections in analytical instruments. **Diba Industries'** Flared Tubing Assemblies ensure tight fluid connections for consistent, leak-free processing. Using a proprietary thermal forming technique, the guards flare the end of its tubing assemblies, backing it with a washer and threaded bottom seal fitting to create a leak tight seal. By eliminating the need for a ferrule, compressed tip or flanged insert, flow path diameter and consistent volume are maintained in sample, reagent, wash, waste and other types of lines.

For more information, go to www.dibaind.com.

Infrared Detectors

TT Electronics OPTEK Technology has developed a silicon phototransistor in a miniature surface mount package with a variety of lead options. Designated the OP570 Series, the NPN phototransistors feature an integral lens that enables the devices to operate with higher performance at lower cost. Electrical performance of the OP570 Series NPN phototransistors is characterized at collector-emitter breakdown voltages of 30V, emitter-collector breakdown voltage of 5V, collector current of 20mA and power dissipation of 130mW.



For more information, go to www.mts.com.



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