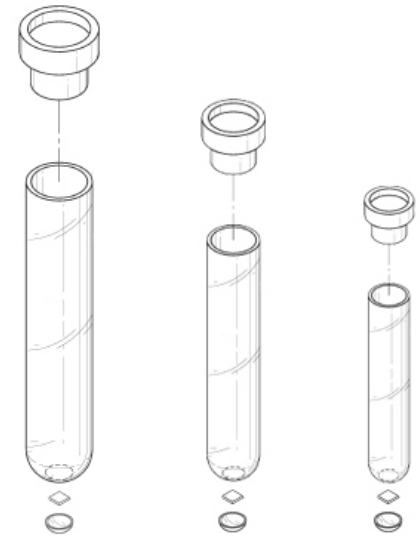
SMART MEDICAL TECHNOLOGIES – SMART TEST TUBES

Smart Medical Technologies' Smart Test Tubes incorporate an embedded high capacity RFID (Radio Frequency Identification) chip as a means of information storage and identification. The RFID chip replaces the paperwork typically submitted to laboratories with specimens, reduces the risk of errors associated with key entry and barcode application, and securely stores event data associated with the transport and processing of samples.

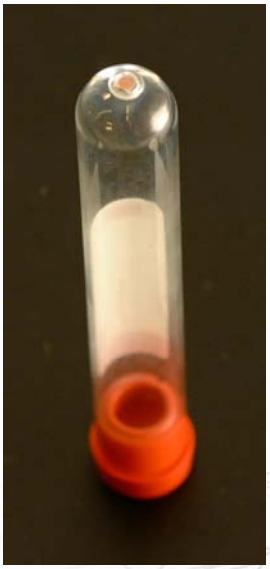
Furthermore, data written to the memory chip is encrypted to enhance privacy and security, and the Smart Test Tubes can only be read while in close contact with a companion reader device connected via USB to a computer or electronic clipboard.



In preliminary release, the Smart Test Tubes will be available in three sizes - large, medium and small, and will each feature a RFID chip physically implanted into the test tube.

THE BENEFITS

REPLACES PAPERWORK – Smart Test Tube technology provides an alternative to current paper-based methods of laboratory testing by synthesizing relevant information onto a high-capacity RFID microchip. In the laboratory setting, the technician simply enters the essential information using SMT's user interface application, and this information is programmed directly to the RFID chip. As a result, data typically submitted alongside test specimens, such as patient information, tests ordered, and billing information, is now attached to the test sample, and remains linked to the specimen throughout the life span of the product.



REDUCES ERRORS – As a digital medium, Smart Test Tube technology reduces the errors most commonly encountered during laboratory processing. Information programmed onto the RFID chip is legibly typed via computer keyboard or directly transferred from an existing database, and therefore avoids the ambiguous translation of illegible and unclear handwriting. Furthermore, the microchip format of reading and writing information is far more reliable than current optical barcode scanning systems, which thereby maintains an information consistency from the first write to the last read.

SECURES INFORMATION – The test tube's RFID microchip utilizes close contact error protection as a means to secure information and maintain data integrity. With close contact error protection, the RFID chip is active only when in direct contact with the reader device, and is otherwise considered dormant and powered-off during other stages of laboratory testing. As a further safeguard, the RFID reader device accompanying the Smart Test Tube product contains an internal-time out circuit, which similarly powers the reader down when not in use, thus preventing an unwanted data transfer.

Smart Medical Technologies' Smart Test Tubes pave the way for full automation in the medical services and patient care setting. Through integration into hospitals, laboratories, doctor's offices and other medically related settings, our product provides a versatile solution to the most common difficulties experienced by doctors, technicians, and other medical personnel, and serves to diminish costs while improving reliability and efficiency.

To learn more about the Smart Test Tubes, please contact Smart Medical Technologies at 949-459-9050, or visit our website at http://www.smartmedtech.com.