

# Captus<sup>®</sup> 700t Well Counting System

Small in size... power packed

The Captus<sup>®</sup> 700t Well Counting System has state-of-the-art wipe testing with a simple menu-driven format. The system will perform a peak search on each wipe identifying any contamination by peak and by nuclide. The user decides how many wipe locations are entered; there are no location limits. Trigger levels may be selected on a user-specified limit set to flag wipes above a specific activity level. Wipes may be grouped by location.



## Features

- Lab Tests
- 512 Multichannel Analyzer
- Wipe testing module allows flexibility of pre-defined or user groupings
- Improved data storage, archive and reporting functions
- "Quick Start" menu
- Automated QC functions, including energy calibration, constancy, Chi-Square and MDA backscatter from lead X-rays

## Specifications

- MCA interface PC board: 1024 channels.
- Maximum count rate of 100,000 cps.
- ROI's are automatic or manual.
- Preset live time, real time or total counts.
- Automatic peak-finding.

- Flat field collimated to meet ANSI N44.3-1973.
- Drilled well with 1" lead shielding (optional 2' shielding available) and brass liner.
- Calibration sources: Cs-137 and Eu-152 (calibrated exempt sources provided at no charge).
- Power requirements: (With circuit protection, line filter and isolation transformer)
  - Standard: 115V 90-127V 50-60HZ
  - Optional: 220V 180-250V 50-60HZ

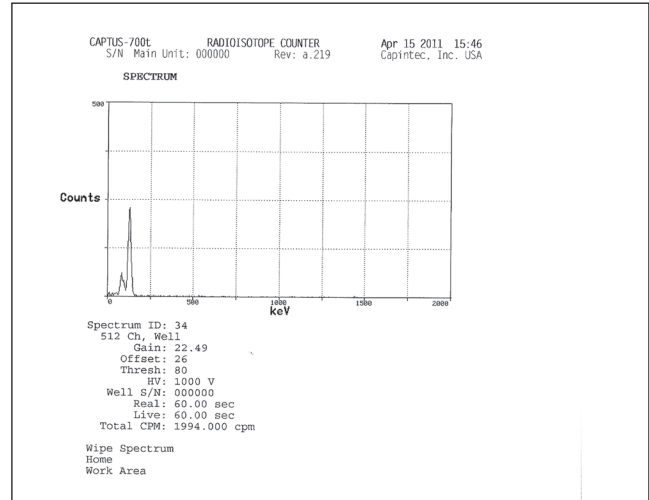
<b>CAPTUS 700t Well Counting System</b> .....	5430-3143
<b>Optional 2" Shielding Well Detector</b> .....	5430-0069
<b>Custom Protocol</b> .....	0960-0152
<b>Test Tubes (100 Count)</b> .....	5420-0090

# Captus<sup>®</sup> 700t Well Counting System Printouts

## Wipe Test Report

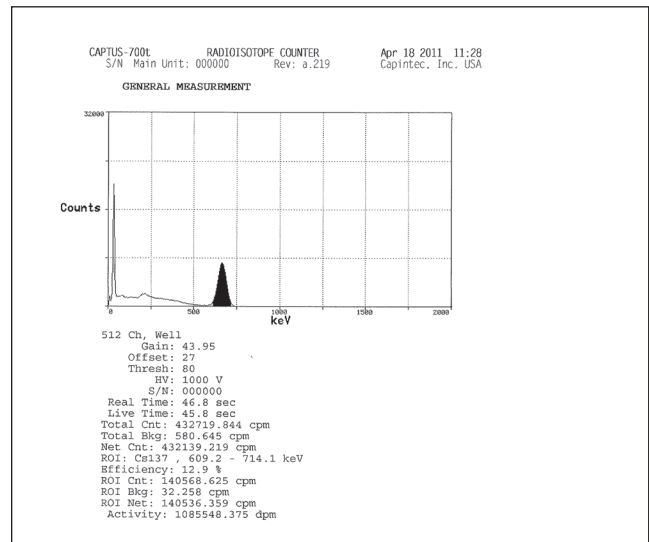
The CAPTUS<sup>®</sup> 700t easily performs wipe test counting with full cpm/dpm reporting. Thanks to its high performance 512 channel MCA, nuclides are identified automatically. Corresponding ROIs can also be displayed.

Whether you choose the dedicated well counter or optional drilled crystal configuration, the CAPTUS<sup>®</sup> 700t offers you up to 5 wipe categories with adjustable trigger levels for each category, dpm reporting, full spectrum display and complete report printing.



## General Measurement

The 512 channel MCA coupled with the large display screen allows full spectrum displays of all your acquisitions. The MCA includes various setups for ROI, automatic peak search and identification programs.



## Lab Test Measurements

The CAPTUS<sup>®</sup> 700t is programmed for a variety of lab tests including Schilling, Blood Volume (Cr-51 or I-125) and Red Blood Cell Survival. Results are automatically calculated and displayed for your review. A printout of the results is also available for patient record keeping.

All lab test modules feature easy step-by-step programs to guide you through each acquisition, eliminating calculations and saving you time!

