

# CAPRAC-R Well Counter

The CAPRAC-R Well/Wipe Counter is a compact system that performs well counting functions, such as patient tests and wipes in as little as 6 seconds. The 6 channel pulse-height analyzer with energy discrimination gives excellent counting definition and flexibility using a remote NaI crystal detector and easy-to-follow menu driven programs. The CAPRAC-R is the perfect system for wipe testing and performing the well counting tests done in your department.

The CAPRAC-R performs auto calibration and system QC, while providing you with a selection of counting periods: from 6 to 1800 seconds. More flexibility than a single channel, less expensive than a multi-channel; no other well counter delivers value such as background subtraction in manual or automatic modes.

## FEATURES

- Well Counter functions include Schilling Test, Dicapac®, Blood Volume plus Wipe Test
- Easy to use and read
- Automatic Energy Calibration and Background Subtraction
- Prints out hard copy reports of all data for permanent records with the optional printer
- Direct readouts are in cpm, dpm, Curies or Becquerel with gamma histograms
- Offers 6 channel pulse-height analyzer for energy discrimination and preliminary isotope identification



## SPECIFICATIONS

- Detector: 3.8 cm (1.5") by 4.4 cm (1.75") NaI well crystal
- Well Dimensions: Diameter 1.7 cm (.67"), Depth 3.8 cm (1.5")
- Measurement Periods: 6, 20, 60, 180, 600, and 1800 sec.
- Energy Discrimination: Fixed range MCA, channel thresholds set at 15, 100, 200, 400, 660, and 800 keV
- System Test/ Self-Diagnosis Programs: Daily test by standard source (Cs-137 or Ba-133) data and program memory confirmation.
- Power: 220 VAC, 0.05A (180-250 V) 50/60 Hz
- Size and Weight: Counter: Width: 18.4 cm (7.25"); Deep: 29.2 cm (11.5") High: 11.1 cm (4.38"); Weight: 2.4 kg (5.4 lb.)
- CAPRAC Well: Diameter: 7.6 cm (3") Height: 25.4 cm (10"); Weight: 10.2 kg (22.5 lb.)
- Counting Channels: 1 = 15-100 keV  
2 = 100-200 keV; 3 = 200-400 keV  
4 = 400-660 keV; 5 = 660-800 keV  
6 = >800 keV
- Maximum count rate 60,000cps

CAPRAC-R Well Counter

Epson Roll Printer

2" x 2" Crystal with 1.5" Shielding Upgrade

