

# PerkinElmer Tri-Carb 4910TR

## Scintillation counter

Liquid scintillation analyzer for detecting small amounts of alpha, beta and gamma radioactivity.

- Capacity of up to 408 (20mL vials or Eppendorf tubes) or 720 (7 mL vials)
- $^{133}\text{Ba}$  low activity internal gamma source for rapid quench determination
- Color-corrected single/dual DPM capability
- Luminescence correction
- High sensitivity counting mode lowers background levels for improved instrument sensitivity
- Energy range: 0-2000 keV
- Figure of Merits (E2/B), Normal/High Sensitivity Count mode:
  - 3H (0-18.6 keV): 180/300
  - 14C (0-156 keV): 380/950
- <https://www.perkinelmer.com/product/tri-carb-lsc-4910tr-110-v-a491000>
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