

# Mini SURVEY METER TC300L

MADE IN JAPAN

Equipped with CsI(Tl) scintillation detector and USB communication

$\mu\text{Sv/h}$

20180627

This is a small survey meter for gamma radiation with high sensitivity (42,000 cpm) with energy compensation. This has dose rate display ( $\mu\text{Sv/h}$ ) and gamma ray spectrum display (graph) function, and it can display and save data on computer with USB communication.

- **Range of dose rate** 0.001  $\mu\text{Sv/h}$  – 10  $\mu\text{Sv/h}$
- **Detector** CsI(Tl) 40 × 40 × 15 mm
- **Energy response** Within  $\pm 15\%$  (Energy compensation)
- **Energy range** 150 keV – 3 MeV
- **Sensitivity** 42,000 cpm ( $\mu\text{Sv/h}$ )
- **Function** Dose rate, Spectrum



Dose rate measurement screen

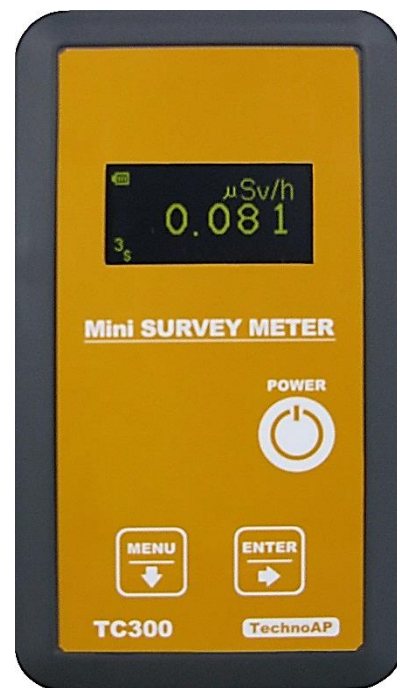


Spectrum measurement screen

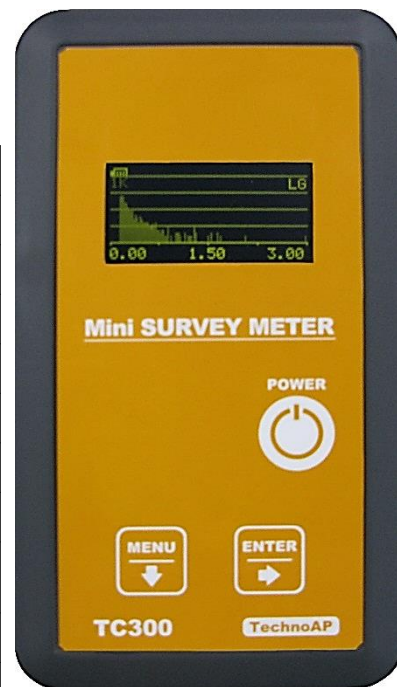
NOTE: Application software is attached to this device

## Specifications

Range of dose rate	0.001 $\mu\text{Sv/h}$ – 10 $\mu\text{Sv/h}$
Detector	CsI(Tl) 40 × 20 × 10 (mm)
Energy response	Within $\pm 15\%$ (Energy compensation)
Energy range	150 keV – 3 MeV
Sensitivity	42,000 cpm / ( $\mu\text{Sv/h}$ )
Dose rate time constant	3 sec, 10 sec and 30 sec
Energy spectrum	512 channels
Indicator	Organic EL display, 128 x 64 dots
Built-in Power	Two AA batteries (Continuous about 15 hours), USB bus powered
External dimensions	75 (W) x 135 (H) x 35 (D) (Unit: mm)
Weight	About 340g
Environmental condition	Operating temperature: 0 - 40 degrees, No dew condensation
Computer application	Dose rate, Spectrum System requirement : Windows 8.1 / 7 / XP (SP3) Recommended screen resolution : 1024 x 600 and more.



Dose rate mode



Spectrum mode

\*Images is for illustration purpose.

\*Please note that contents may change without prior notice.

Website



Manufacture of Radiation and Radioactivity measurement devices

## TechnoAP Co., Ltd.

2976-15 Mawatari, Hitachinaka-shi, Ibaraki, 312-0012, Japan

+81-29-350-8011

+81-29-352-9013

order@techno-ap.com