

Luminometer

DEVICE

It IS an exceptionally versatile and sensitive single-tube luminometer for life science research.

IT'S PARTICULARLY SUITABLE FOR Promega Corporation's genetic reporter and ATP assays and a variety other luminescence assays. It can measure chemiluminescence or bioluminescence with a wide dynamic range. Different samples such as test tubes, culture dishes, scintillation vials, tissue samples, beads, strips, and other solids may be used.

MODEL	BioSystems TD-20/20 (Turner Designs)
MEASUREMENT TYPE	Glow type luminescence
READ MODE	It can run both glow and flash assays.
SAMPLE ADAPTORS	<ul style="list-style-type: none">- 35 mm culture dish- 28 mm scintillation vial- holders for 8/12 x 50 mm test tube available- holder for 12 x 75 mm test tube available- holder for 1.5 ml microfuge tube available Please bring your own tubes except for the 12x50 mm test tube.
RANGE	5+ logs, 7+ logs with range extending filter
SENSITIVITY	10-20 moles of luciferase in LAR
PARAMETER	User-set delay period: 0 to 100 seconds User-set integration time: 4 to 6000 seconds
KINETICS OUTPUT	5 times per second for the duration of the measurement
DETECTOR	10 stage photomultiplier tube
DETECTOR RANGE	300 - 650 nm
TEMPERATURE RANGE	5 - 40° C; 41 - 104° F



COMPUTER

OS	Windows 2000
SOFTWARE	Excel 5.0 or higher
DATA OUTPUT	ASCII format
CONTACT	Ohrt (phone 463-40212)
LOCATION	213