

Compare Luminometers

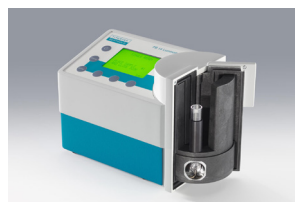
TITERTEK
BERTHOLD



Sirius L
Tube Luminometer



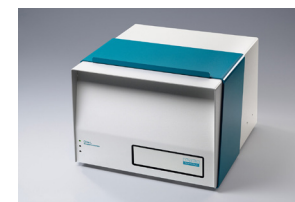
FB12
Tube Luminometer



FB14
Tube Luminometer



Smart Line TL
Tube Luminometer



Orion L
Microplate
Luminometer



Orion II
Microplate
Luminometer

Sample format

Tubes, Microfuge tubes,
Cell culture dishes

Sample format

Tubes, Microfuge tubes,
Cell culture dishes

Sample format

Tubes

Sample format

Tubes

Sample format

96 well microplates

Sample format

96 & 384 well microplates

Read type

Single, Dual, Kinetics,
Cut-off

Read type

Single, Cut-off

Read type

Single, Dual

Read type

Cut-off, Quantitative
(standard curve with
regression, cubic spline,
4PL)

Read type

Single, Dual, Kinetics

Read type

Single, Dual, Kinetics

Injectors

up to 2

Injectors

-

Injectors

-

Injectors

up to 2

Injectors

up to 2

Injectors

up to 4

Injection volume

20 - 500 μ L

Injection volume

-

Injection volume

-

Injection volume

20-300 μ L

Injection volume

10-150 μ l

Injection volume

10-150 μ l

Shaking

-

Shaking

-

Shaking

-

Shaking

-

Shaking

-

Shaking

linear, orbital, cross

Temperature control

-

Temperature control

-

Temperature control

-

Temperature control

-

Temperature control

-

Temperature control

RT + 5°C to 42/50°C

Preferred applications

Reporter gene assays,
ATP assays, ROS assays

Preferred applications

Reporter gene assays,
ATP assays,
Mycoplasma detection

Preferred applications

Water testing, ATP assays,
Toxicity assays

Preferred applications

Immunoassays (LIA, ILMA)

Preferred applications

Reporter gene assay,
ATP assays

Preferred applications

Reporter gene assay,
ATP assays,
Cell based assays

User interface

PC operated

User interface

Stand-alone, built-in
software

User interface

Stand-alone, built-in soft-
ware, battery operation

User interface

Stand-alone, built-in
software

User interface

PC operated

User interface

PC operated