



Portable Photometer

for Read-out during ELISA Testings



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Portable Photometer



- Portable photometer for read-out during ELISA testings
- Result within two seconds
- To be used for diverse applications in the analysis of water, food, feed, ...

The advantages at a glance

- ✓ Flexible for several applications
- ✓ Portable and compact
- ✓ Easy handling and control
- ✓ Economic price

Portable Photometer



Photometer with LCD display and control buttons

Interfaces for connection to printer or PC

Power adapter

Connection to power adapter or battery bag



Optical unit

Holder for well-strips or cuvettes

Changable filter, 450 or 550 nm

Incl. comprehensive manual



Portable Photometer



Features

- Two wavelength filters, simple and fast exchange
- Convertible: microwell strips, round/square cuvettes
- Can convert between absorbance and concentration value or cut-off decision

Adapt the photometer to different applications within seconds

Benefit



Portable Photometer



Features

- Only two touch buttons for all operations
- LCD display shows instructions to be followed
- RS-232 and centronic interfaces allow connections to computer and optional printer

User-friendly instrument

Can be controlled with minimal training

Perfect even for beginners

Benefit



Portable Photometer



Features

- Small and portable unit
- Robust and resistable
- Can be connected to convenient 12V battery pack

Ideal instrument for fast results on the field or in the laboratory

Benefit



Portable Photometer



- Specifications

P/N	11689
Wavelength range	400 – 700 nm
Filters	Narrow band interference filters Bandwidth: 10 nm \pm 2 nm, Standard: 450 nm
Photodetector	Solid-state silicon photodiode
Display	LCD 16x23 characters
External outputs	RS-232 interface Parallel printer interface
Light source	Focalized tungsten lamp 6V/2W
Absorbance range	0.000 – 2.500 O.D.
Linearity	0.000 – 1.500 O.D. \pm 2 %



Portable Photometer



- Specifications

Concentration range	00000.00 – 99999.99
Reproducibility	< \pm 0.005 O. D. (under 2.000 O.D.)
Resolution	0.001 O.D. (under 2.000 O.D.)
Data Storage	125 sets
Power (Adapter)	Input AC 120V/240V Output DC 12V/700mA
Sample compartment	Strip: 9x13 mm standard well-strip Cuvette: Round 12 mm in diameter
Dimension	15x17x5cm (wdh)
Weight	850 grams (with power adapter)



Portable Photometer at a Glance



- Fast results
- Can flexibly be adapted to your application
- Compact and robust for use on the field
- Easy handling and control
- Economic price

**= Cost effective, practical photometer
to be used in every-day analysis**

Further LCTech Products



- Portable photometer can perfectly be used with the **HistaREAD ELISA kit** for the detection of histamine in food and feed



Further LCTech Products



- Portable photometer can perfectly be used with the **AflaREAD ELISA kit** for the detection of Aflatoxin in food and feed

AflaREAD™



Further LCTech Products



- Portable photometer can perfectly be used with the **OtaREAD ELISA kit** for the detection of Ochratoxin A in food and feed





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