

# The company

Fleg Health Care is a company with a broad and long-lasting experience in the field of IVD. The company ensures the maximum efficiency and support to analytical laboratories thanks to a team of professionals consisting of senior specialized technical, administrative and commercial figures.

Through an extensive knowledge of instrumentation and a big attention to market changes and demands, we offer our customers:

- Competence and professionalism of technical staff;
- Quality services for a wide range of products;

Our experience and knowledge of the operating environment, an efficient organization and the use of technical tools and information technology as well as high-quality raw materials are all elements that qualify Fleg Health Care as the ideal partner to ensure a successful business.

**Customer satisfaction, the quality assurance of its products, consolidated services over twenty years of activity and a continuous improvement of its modus operandi are the main objectives that the company pursues daily.**

## Fleg Health Care S.r.l.

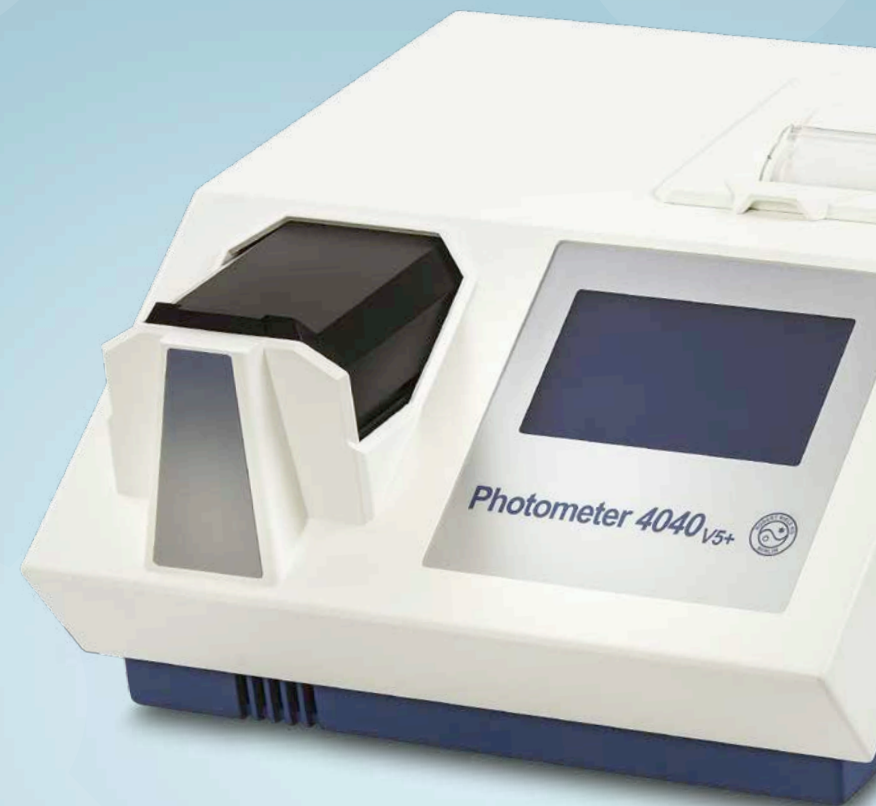
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# PHOTOMETER

PHOTOMETRIC SYSTEM 4040 V5+



Fleg Health Care

# Manual photometric system for standard cuvettes

- Measuring cell at a controlled temperature and dry incubation block with 8 positions
- High ability of the methods programming system
- Learning skills application via touch screen
- Measuring volume minimum of 250 ml
- Operating system constantly evolving

## System features

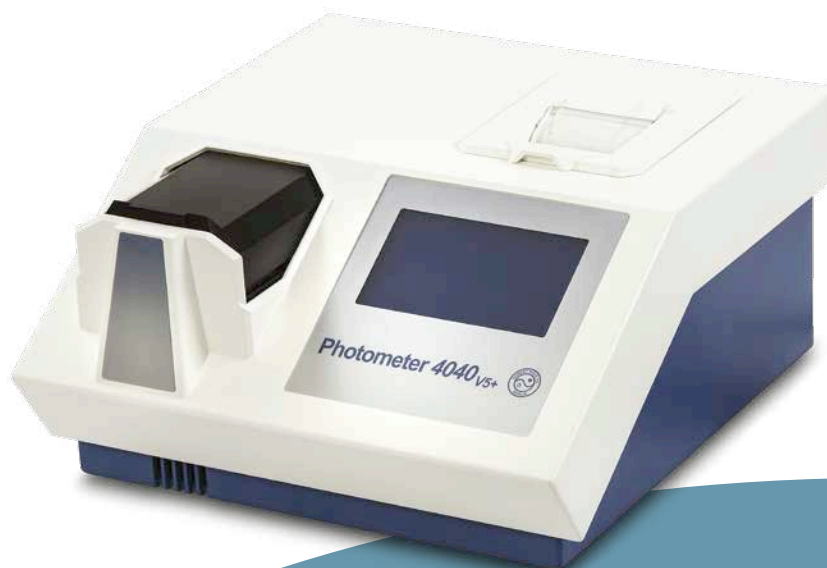
- Type: Single-beam filter photometer
- Source of light: halogen lamp - 12 V 20 W
- Wavelengths available: 340 nm - 800 nm, with automatic selection
- Photometric range: 0-2.5 A
- Cuvette Type: normal standard cuvettes (macro or semi-micro, optical plastic disposable or special)
- Temperature control: measuring cell and dry incubation block with 8 positions temperature controlled at 37 °C
- Operator Interface: touch screen for direct functions and alphanumeric inputs
- Data Presentation: graphic display with white characters or symbols, blue background, illuminated, resolution 240 x 128 dots
- Integrated printer: thermal printer, 24 characters per line.

## Programs

Programmable methods with capacity up to 231 methods of which up to 100 dedicated to Fleg Health Care Methods. The curves, the calibration factors and the dedicated methods will be entered using barcode reader included.

## Dedicated methods

A1C, Homocysteine, Kappa/Lambda serum, Kappa/Lambda urine, Lithium, Sodium, Potassium, Copper, Zinc, Lipase, Ammonium, CK-MB, Microalbuminuria, Pancreatic Amylase, Magnesium, Urinary Protein, ASO, CRP US, Antibody R.TEST, Valproic Acid, Carbamazepine, Phenobarbital, Digoxin, DDimer, ANT.III, Transferrin, IgA, IgG, IgM, IgE, Mucoproteins, C3, C4, Fibrinogen, Troponin I, Myoglobin, B2-microglobuline, Albumin, Insulin, Cystatin C, G6-PDH, Alcohol;



## Technical data

### Ports

Serial port for connecting devices such as PC.

### Logging

Up to 1000 results can be saved in memory automatically

### Measurement procedures

- Absorbance
- End Point with factor, standard or multiple standards, with or without reagent blank and / or sample blank
- End Point Bichromatic
- Kinetics with factor, standard or multiple standards, with or without blank
- Fixed time with factor, standard or multiple standards, with or without reagent blank
- Turbidimetry
- Single determinations, double and triple
- Curve fitting for nonlinear standard curves
- Free hemoglobin in combination with interference filters

### Quality control

Up to 50 methods can be controlled with two control sera Levey Jennings plot

### Measuring time

- Kinetic: variable from 5-19 deltas, time per delta 3-255s in 1s steps
- Fixed time: variable from 0-1800s in 1s steps.

### Delay

Programmable 0-1800s

### Mains Supply

Range: 100 VAC to 240 VAC at 50/60 Hz.

### Dimensions and weight

Length 33 cm x width 34 cm x height 18 cm - 5,3 kg.