P34 PROFESSIONAL PHOTOMETER

WALLACE & TIERNAN® ANALYZERS/CONTROLLERS

The mobile photometer Wallace & Tiernan® P34 Professional measures up to 34 parameters in a single device, the most important parameters for water treatment. It meets all the requirements of modern water analysis. The most frequently used reagent tablets are included in the scope of delivery.

The device has a backlit display. Measuring range, reagent type as well as an automatic countdown timer for accurate response times are displayed. The internal memory stores up to 1,000 events with date, time and sample ID. These data can be retrieved at any time and transferred via an optional infra-red module.

Zero Setting (OTZ)

Certain instruments have a One Time Zero (OTZ) function, making it unnecessary to zero the instrument between each test. This allows multiple tests to be performed using the same blank/zero sample until a new parameter is selected.

PARAMETERS

The photometer P34 Professional serves, among others, to detect alkalinity, aluminium, bromine, chlorine, chlorine dioxide, chlorite, cyanuric acid, iron, urea, hardness, iodine, copper, sodium hypochlorite, ozone, PHMB, phosphate, pH, oxygen, acid demand, sulphate and hydrogen peroxide using various methods.

Key Benefits

- Intuitive, fast operation due to Zero Setting
- User interface in several languages
- Backlit display
- Storage for up to 1000 data sets
- Waterproof housing (IP 68), floating

Optional infrared interface

The optional infrared interface module available (IRiM) uses infrared technology to transmit test data to one of 3 interfaces.

TECHNICAL DATA

Display: Graphic display

Interface:
IR interface for data transfer
RJ45 connector for internet updates

Light source:
light-emitting diode - photosensor - pair arrangement in a transparent measurement chamber
Wavelength ranges:
λ1 = 530 nm IF Δ λ (nm) = 5
λ2 = 560 nm IF Δ λ (nm) = 5
λ3 = 610 nm IF Δ λ (nm) = 6
IF = Interference filter

Operation:
Acid and solvent resistant touch-sensitive keyboard with integral beeper as acoustic indicator

Power supply:
4 batteries (type AA/LR6)
lifetime: approx. 26 h continuous use or 3500 tests

Auto off:
20 min after last function
30 sec acoustical signal before swich off

Storage: approx. 1000 data sets

Dimensions (H x W x L):
Unit: 210 x 95 x 45 mm
Case: 395 x 295 x 106 mm

Weight: approx. 450 g

Ambient conditions:
Temperature: 5 – 40 °C
rel. humidity: 30 – 90 %, non-condensation

Language options:
English, German, French, Spanish, Italic, Portuguese, Polish and Indonesian

Water proof:
IP 68 (1 h at 0.1 m), floating

SCOPE OF SUPPLY:

Equipment	No.
Photometer in plastic case	1
Batteries, 1.5 V	4
DPD No. 1 tablets	100
DPD No. 3 tablets	100
Phenol Red/Photometer tablets	100
Alka-M tablets	100
Glycin tablets	100
Screws	4
Screw driver	1
Battery compartement cover	1
Beaker, 100 ml	1
Syringe, 5 ml	1
Round vials with cap and sealing ring	3
Cleaning brush	1
Stirring rod	1
Instruction manual	1
Guarantee declaration	1
Certificate of compliance	1

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