



TECHNICAL DATA SHEET

PHOTOMETER SDM 6

Product description

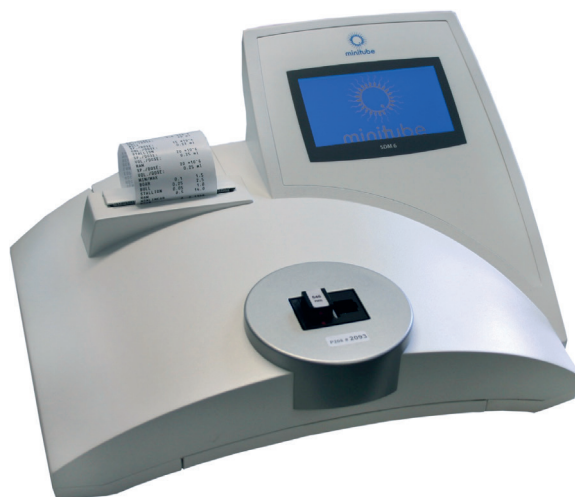
The SDM 6 is a photometer for determination of sperm cell concentration and dose calculation of different species (bull, boar, stallion, ram and buck semen). It is used in semen processing laboratories.

Properties

- Automatic calculation of extender volume and number of doses
- Programme for display of extinction
- Digital display of semen concentration in 10^9 sperm cells/ml
- Large touch screen, easy handling
- Serial interfaces for data transfer
- Optional: integrated printer for printout of production data per ejaculate (print out includes the following data: sperm quality and quantity, volume of diluent required and sperm per dose)

Technical data

- Spectral range: 340-578 nm
- Filter: 546 nm
- Halogen lamp
- Use of 10 mm macro cuvettes
- Analysis time: 2 seconds/sample
- Power supply: 230 V/50 Hz or 115 V/60 Hz



Order information

Photometer SDM 6, with integrated printer REF. : [12300/0006](#)

Photometer SDM 6, without printer REF. : [12300/0008](#)

Accessories

Automatic dilutor/dispenser for precise sample preparation. Use of disposable capillaries for semen sampling. With touch screen and memory function. Power supply: 110-220 V REF. : [12421/0504](#)

Control cuvette set, 4 pieces REF. : [12300/0010](#)

Paper for printer REF. : [12300/0311](#)

Macro cuvette, 4 ml, 100/package REF. : [12301/0003](#)

NaCl solution, 0.9%, 1 l REF. : [12301/4667](#)

Dispenser 0.5-5 ml for NaCl solution REF. : [12428/1815](#)

Bottle for dispenser, 500 ml REF. : [12428/1905](#)

Adjustable single-channel pipette, 10-100 μ l REF. : [12425/4810](#)

Pipette tip yellow, 1000/package REF. : [12425/9409](#)