



## TECHNICAL DATA SHEET

# PHOTOMETER SDM 6

### Product description

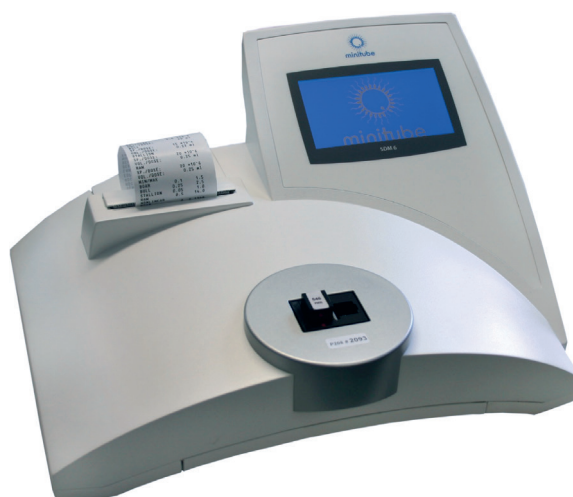
The SDM 6 is a photometer for determination of sperm cell concentration and dose calculation of different species (bull, boar, stallion, ram and buck semen). It is used in semen processing laboratories.

### 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: 430 - 680 nm
- Filter: 546 nm
- LED light source
- 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  $\mu$ l** REF. : [12425/4810](#)

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