

# Metrosperm

Sperm measurer



# Metrosperm

The new generation of colorimeters in probe format. Measures sperm concentration in seconds.

Metrosperm directly determines the number of doses in one ejaculation or the sperm concentration. Simply submerge the sensor in the ejaculate and press the button to obtain the information of interest, without the need for pipettes, dilutions, cuvettes or conversion tables.

The readings are extremely precise thanks to an innovative photometric system capable of adapting to both concentrated ejaculates and diluted doses. As the sample does not require dilution, errors regarding dilution or calculation are avoided.

The Metrosperm can be connected to the USB port of any computer and controlled using the software supplied, or it can be connected to the HOST M, a portable device on which readings can very easily be taken.

Users can adjust the following parameters entered:

- Ejaculate volume
- Percentage of abnormal sperm cells
- Amount of sperm per dose
- Volume per dose

The results of the readings are:

- Number of insemination doses obtained
- Volume of sperm extender to be added
- Ejaculate temperature

The optical and electronic components of the METROSPERM probe are made of epoxy resin encapsulated in stainless steel housing. This makes it much more resistant than conventional laboratory equipment.

## Easy to use

1. Dip into the ejaculate
2. Press a button
3. Read the result

## Instant results

1. Number of doses
2. Volume of extender to be added
3. Sperm concentration
4. Temperature