# nilotech

## NiloChecker 500

**One reference instrument - many applications**

As a gold standard within Quality Assurance and Quality Control, The NiloChecker supports measurement of five different modalities in the IVF laboratory: Temperature, Humidity, $O_2$ & $CO_2$ Concentrations, and Air Flow – with more to come. The NiloChecker is available in two configurations. The standard version is a preferred all-in-one device for spot check and calibration, used by both laboratory personnel and service engineers. The monitoring version automatically transfers data from equipment to the cloud for storage and documentation, providing a more strategic approach to overall operations of your laboratory.

## Functions & Technology

**Time saving**
Save precious time on process and quality control. Perform up to 10 simultaneous measurements. For instance, check your incubator for $CO_2$, $O_2$, and temperature at the same time.

**Easy as 1-2-3**
A large touch screen with intuitive software guides you through the measurement. It helps you to perform measurements in accordance with international standards and manufacturers recommendations.

**Integrated documentation**
The Add-to-table function helps you processing and organizing data from many measurements.

**Long battery life**
Just bring the NiloChecker around. The high capacity battery ensures hours of measurement time between charging.

**No need for calibration**
The instrument is fully digital and will never need calibration. The instrument stays in the lab and measurement probes can be controlled and calibrated separately.

**Compatible sensors**
Compatible with $CO_2$, $O_2$, temperature, humidity and air velocity sensors. Simultaneous measurements up to 10 sensors on 5 ports.
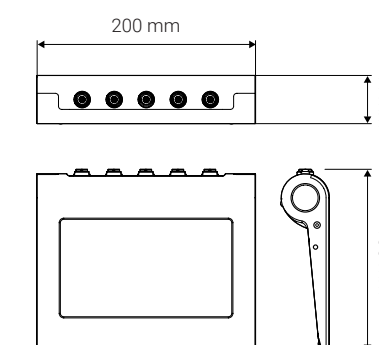
**Integrated functions**
Graph function: Important tool to track any measurement. Instant measuring: Instrument starts to measure once a probe is connected. Timer function: Start/Stop allows to measure in a predefined time. Calculations: Max, Min, Average, Moving average, Deviation from average. Easy to collect data from multiple sensors.

**Online monitoring**
NiloChecker 500 will together with the NiloCloud ensure constant monitoring of equipment in your lab.

## Specifications

| | |
|---|---|
| Measure range and accuracy | Depends on connected probe |
| Display and Touch | 7" - 800 x 480 pixel - Capacitive touch - Adjustable brightness |
| Data storage and export | Internal memory. - Export data to PC via USB |
| Compliance | ISO/EN 61010:2010 • IEC 60950-1:2005/ • AMD2:2013 • CE |
| Operating conditions | 0-50 °C - 5-95% RH, IP50 |
| Power supply | 12 V/30 W - Wall plug adaptor - 100-240 V |
| Connectors | 5 Pcs - Stainless steel with lock and quick release |
| Battery time | 8 Hours - Level displayed in % |
| Charging Time | < 3 hours |

200 mm
44 mm
166 mm

**Ordering info**
**Part no: 111s001** - NiloChecker 500
**Part no: 111s002** - NiloChecker 500 WiFi