



BOOMERANG WiLOGICAL

BOOMERANG WiLOGICAL IS A WIRELESS LOG AND ALARM SYSTEM ESPECIALLY DESIGNED TO SIMPLIFY VERY IMPORTANT QUALITY ASSURANCE WORK IN IVF CLINICS. IT CONTINUOUSLY LOGS THE CRITICAL PARAMETERS SUCH AS, TEMPERATURE, HUMIDITY, CO₂, O₂, PARTICLE, DIFFERENTIAL PRESSURE, VOCS, TOXIC GAS ETC. ALERTS AND SEND SMS(ES) ACCORDING TO THE USER DEFINED CRITERIA.



CO₂/ O₂ INCUBATORS (TEMPERATURE, HUMIDITY, CO₂ AND O₂)

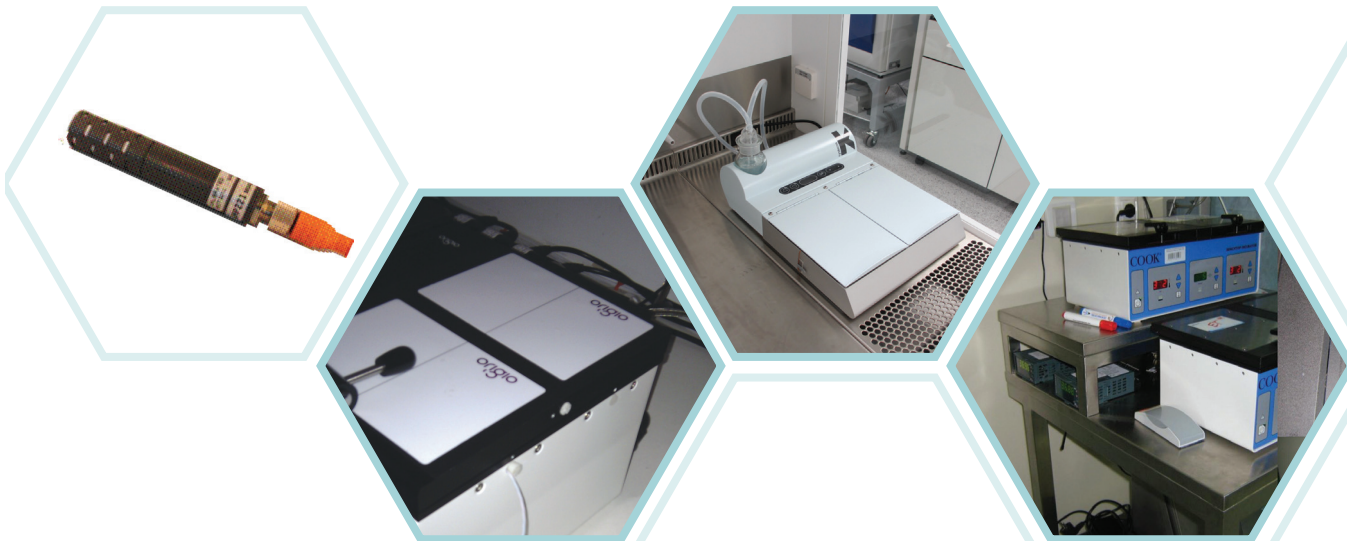
Parallel monitoring with calibrated sensors is necessary for safe operation and full traceability.

- Continuous Monitoring and Logging: Traceability
- Automatic Documentation: Quality Assurance
- Alarm SMS | Report | Back-up: Safety
- Web Based Solutions: Accessibility



BENCHTOP INCUBATORS (TEMPERATURE AND CO₂)

Continuous logging and alarm is possible even in the small chamber incubators.



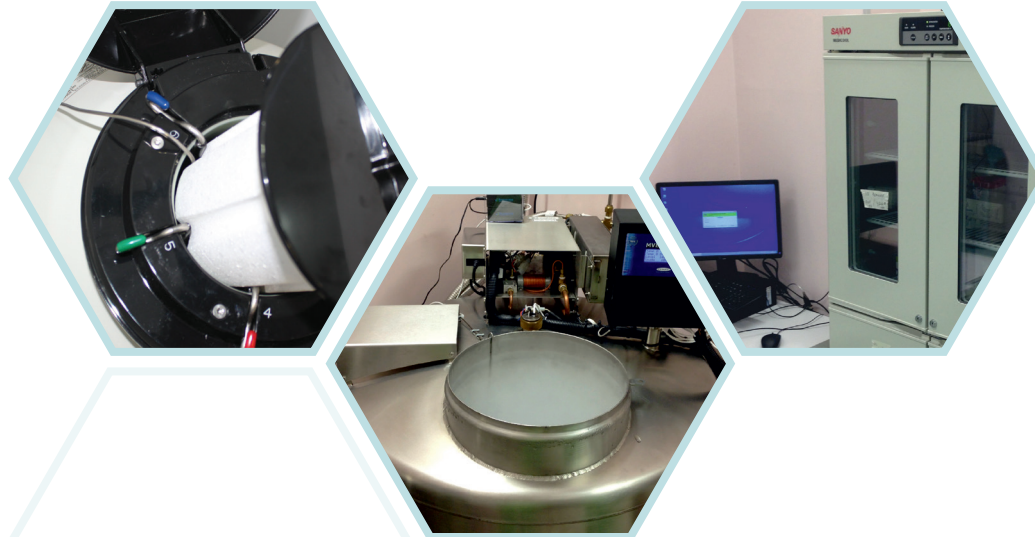
MAIN FEATURES OF BOOMERANG WiLOGICAL:

The Boomerang WiLOGICAL system is developed according to GLP, GMP and FDA CFR21 part II, an absolute necessity in order to meet quality assurance requirements, such as traceability and safety.

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LN₂ TANKS, REFRIGERATORS AND FREEZERS (TEMPERATURE)

Continuous logging and alarm in cold environments is critical to control storage conditions.



SENSOR SPECIFICATIONS

Temperature

Standard temperature sensor measuring range is -200°C to +200°C with ± 0.5°C accuracy.

High resolution temperature sensor measuring range is -10°C to +85°C with ± 0.07°C.

Humidity

Combined humidity and temperature sensor measuring range is 0-100% RH with ± 1.8% accuracy.

CO₂

All conditions CO₂ sensor measuring range is 0-20% with ± 0.3% accuracy.

O₂

All conditions O₂ sensor measuring range is 0-25% with ± 1% accuracy.

IVF WORKSTATIONS AND ICSI WORKSTATIONS (TEMPERATURE)

Continuous logging and alarm on heated surfaces is provided without any disruption in daily work activities.



SENSORS WITH ALARM SYSTEM FULL TRACEABILITY

Boomerang WiLOGICAL has sensors for use in - 196° C freezers (cryogenic tanks with liquid nitrogen). Continuously logs the temperature at desired level in the LN₂ tank and alarms on deviations which allows full traceability.



Manufactured according to ISO 9001 Quality Management System



THE DANISH CHILDHOOD
CANCER ORGANISATION

SparMED ApS - Ryttermarken 2, 3520 Farum, Denmark - Phone (+45) 39 40 25 03 - www.sparmed.dk



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