

INTEGROMED

INTEGROMED is your first point of contact when it comes to high-quality integrated solutions for the construction and furnishing of medical facilities. We capitalise on versatile, functional and, at the same time, attractive systems and create a unique environment for medical staff and patients. We do not only deliver individual products, but also complete, tailor-made solutions.

INTEGROMED stands for competence, cooperation, responsibility and innovation.

The **SURGEON INFORMATION Display** provides you with a quick overview of all important data of the indoor climate. Sensors measure environmental information such as room temperature and humidity, and also provide information about the room pressure in the operating room: Through specially developed sensors, you can check the pressure difference to the outside and thus detect contamination risks.

The integrated GPS time synchronization and stopwatch help you organize and document your work flow effectively. The **SID** can store data for several days and transfer them to the *INTUITIVE Console* or the hospital information system.

The **SID** can be installed as a flush-mounted alternative over a monitor or on surgery room walls, e.g. above a door

we believe in **we**

The **SID** is available in three sizes: 1200/1000/900 cm

The **SID** has been EMC-tested



integromed-innovation.de

INTEGROMED  
Integrated Medical Solutions

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TECHNICAL DATA

SURGEON INFORMATION Display   SID 1200 / 1000 / 900	
Application	Monitoring of clean-room conditions in operating rooms
Glass	3 mm hardened glass, non-reflecting
Temperature/humidity sensor	External module, connection via RJ45/CAT6 cable
Pressure sensor, differential pressure sensor	Display range 0 ... 99 Pa, 10 m tube (standard)
Inputs/Outputs	Inputs for external sensor, GPS module, external buttons, alarm output
Time Synchronisation	Master-slave connection with GPS or IntuitiveConsole
Power supply	12 VDC/ 4 A via external power adapter (80-264 VAC) 50/60 Hz
Alarm function	Signal output 12V/500mA to operate a relay. Relay switches if positive pressure is too low, and pressure indicator shows LL.
SID 1200 dimensions (W x H x D)	1190 mm x 150 mm x 118 mm plus mounting bracket
Weight	15.0 kg
SID 1000 dimensions (W x H x D)	990 mm x 150 mm x 118 mm plus mounting bracket
Weight	12.0 kg
SID 900 dimensions (W x H x D)	890 mm x 150 mm x 118 mm plus mounting bracket
Weight	11.0 kg
Conformity	RoHS compliant (led-free), 2014/30/EU EMC Directive, 2014/35/EU Low Voltage Directive

11/2022

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SURGEON INFORMATION Display  
SID 1200 / 1000 / 900



Our smart information tool for the digital OR



Precise display of **TIME** and **DATE** by automatic synchronisation

**TEMPERATURE, HUMIDITY, and DIFFERENTIAL PRESSURE INDICATOR** are transferred without loss

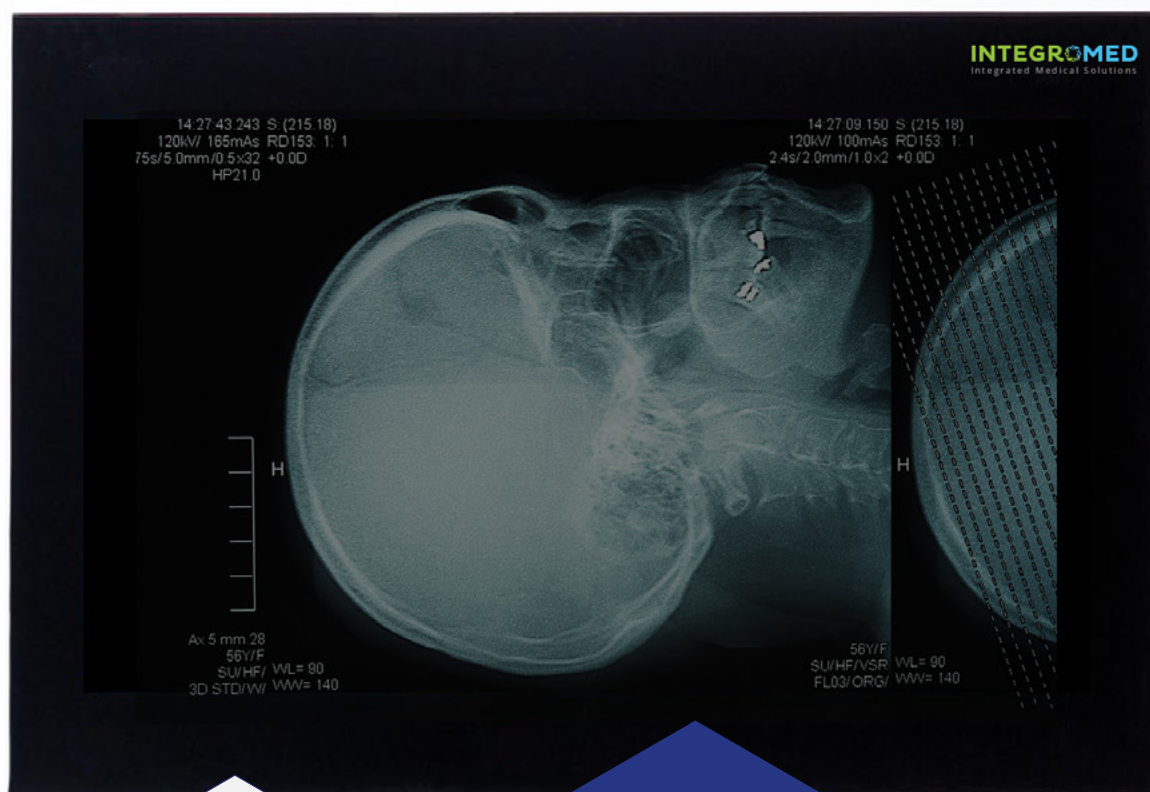
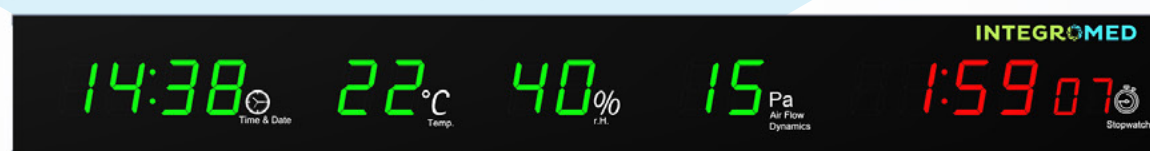
The integrated **STOPWATCH** allows precise time measurement

M 1

M 2-4

M 5

M = Module



Thanks to its frameless integration into the INTEGROMED wall panel system, the product offers optimal hygienic conditions and an appealing design

The time setting of the **SID** can be synchronised with existing **SID** devices

## ALL ADVANTAGES AT A GLANCE

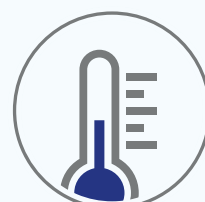
### PRECISE TIME MEASUREMENT TO THE SECOND



In the operating room, time plays an important role. The device updates the time and date since it can be synchronised in several ways. The display change between time and date automatically takes place every 10 seconds.



### PRECISE TEMPERATURE AND HUMIDITY MEASUREMENT



The external sensor module measures humidity and temperature.

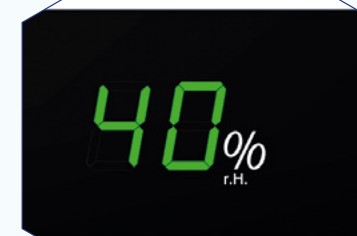
It is connected to the product with a standard 1.8 m cable. If necessary, the sensor module can be connected with a Cat. 6 Twisted Pair Cable up to 20 m length.

M 2/2



The data from the sensors is transmitted accurately as digital signals to the product.

M 3/2



### HIGHLY SENSITIVE DIFFERENTIAL PRESSURE INDICATOR



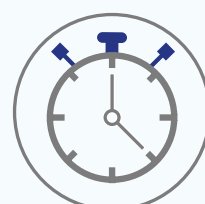
Internally there is a precise differential pressure sensor, which is connected to the outside via a tube.

The measured pressure indicates the flow direction of the air in the operating room. This assists in reducing the contamination between operating rooms.

M 4/2



### EASY OPERATION OF THE STOPWATCH



The stopwatch allows the user to measure the time for preparations, operations and follow-up processes in the OR accurately. Time management helps with planning and optimising workflow during surgeries.

M 5/3



Precise display of **TIME** and **DATE** by automatic synchronisation

**TEMPERATURE, HUMIDITY, and AMBIENT INDICATOR** are transferred without loss

The integrated **STOPWATCH** allows precise time measurement

M 1

M 2

M 3

M = Module



The **STOPWATCH** is operated via two independent buttons and can be controlled by the operating system

Anti-reflective, safety glass

All data are reliably transferred to the **INTUITIVE Console** and stored for 24 hours