



## More Diagnostic Power

Every day further demands are placed on the primary care physician and their team, with this in mind Geratherm Respiratory have expanded the functionality of the popular Blue Cherry diagnostic platform to include the ability to measure SpO<sub>2</sub>.

## Future Proof

The SpO<sub>2</sub>stik has been designed to grow with today's requirements and can easily be used as a basic sleep screening tool, or when used in conjunction with the six minute walk test the SpO<sub>2</sub>stik provides an excellent device for the determination of basic exercise tolerance.

## Comprehensive Sensor Options

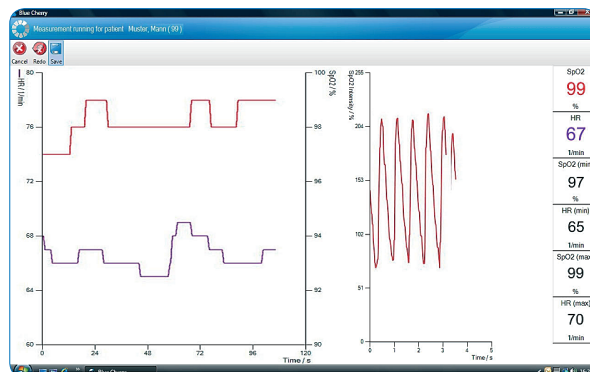
The SpO<sub>2</sub>stik design incorporates a mini D connector allowing the user to easily change the sensor being used. To best suit the application. Geratherm Respiratory have a wide selection of sensors available for the SpO<sub>2</sub>stik from finger sensors to ear-lobe sensors suitable for more vigorous applications.



Finger Sensor

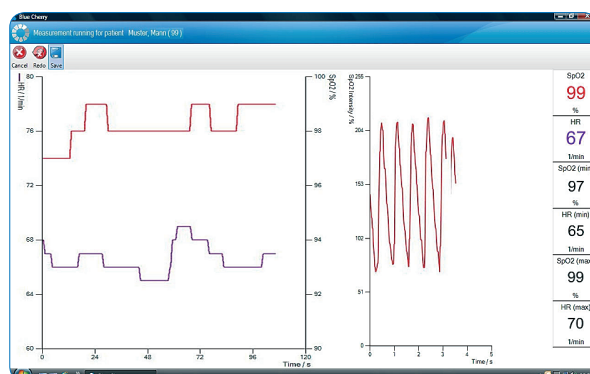
Ear Sensor

Softtip Sensor in S/M/L



## Fast Response

The fast response of SpO<sub>2</sub>stik™ allows the health care professional to quickly determine if intervention is required for breathless patients. Importantly the SpO<sub>2</sub>stik running under the Blue Cherry diagnostic platform allows all data recordings to be saved to the patient file for future reference. Results can be analysed individually or all previous tests from a patient may be viewed as a trend, giving an improved overview of patient condition.



## Instant results

As standard the SpO<sub>2</sub>stik in conjunction with the Blue Cherry Diagnostic Platform records all test results directly to the patient file, this facility allows an instant trend of multiple results to be displayed at the end of the test. Allowing the physician to determine very quickly if the subject is stable or showing signs of deterioration.



## Technical Specifications:

|                                                                                                                                                                                                                                                                                                |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                               |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Mechanical Data:                                                                                                                                                                                                                                                                               | Dimensions:<br>Weight:                                                                                                                         | 76.5 x 30 x 18.5 mm (L x W x H)<br>20 g                                                                                                                                                                                                                                                                                                       |
| Electrical Data:                                                                                                                                                                                                                                                                               | IP protection type:<br>Classification according to MDD:<br>Application component type:<br>PC Interface:<br>Power Supply:<br>Power Consumption: | IPX0 IEC 529<br><br>IIa 93/42EWG date June 14th 1993 appendix IX<br>BF according to VDE 0750 (DIN EN 60601-1)<br>USB 2.0<br>Via USB port<br>< 40 mA                                                                                                                                                                                           |
| Measurement Range:                                                                                                                                                                                                                                                                             | SpO <sub>2</sub> :<br>Pulse rate:                                                                                                              | 45 - 100%<br>20 - 250 bpm                                                                                                                                                                                                                                                                                                                     |
| Precision:                                                                                                                                                                                                                                                                                     | Saturation:<br>Pulse rate:                                                                                                                     | < 2% (70 - 100%)<br>(± 1% > 100 bpm)                                                                                                                                                                                                                                                                                                          |
| Operating conditions:                                                                                                                                                                                                                                                                          | Temperature:                                                                                                                                   | + 0 °C to + 40 °C                                                                                                                                                                                                                                                                                                                             |
| Storage and Transport conditions:                                                                                                                                                                                                                                                              | Temperature:<br>Humidity:<br>Explosive conditions:                                                                                             | + 0 °C to + 40 °C<br>0 to 95% non condensating<br>Device should not be used in explosive or flammable atmospheres.                                                                                                                                                                                                                            |
| Minimal requirements<br>PC System:                                                                                                                                                                                                                                                             | Proven Standards:<br>Processor:<br><br>RAM memory:<br><br>Hard disk drive:<br><br>Monitor:<br>Interface:<br><br>Operating system:              | DIN EN 60950<br>Pentium III compatible or higher<br>1 Ghz or higher recommended<br>500 MHz minimum required<br>512 MB or RAM or higher recommended<br>192 MB minimum required<br>1,5 GB recommended<br>600 MB free space minimum required<br>XGA (1024 x 768) or higher<br>USB 2.0 recommended<br>USB 1.1 minimum<br>Windows XP SP2 or higher |
| <p>All Geratherm Respiratory products are designed to meet the ATS and ERS criteria and other international standards and guideline's where required.</p> <p>The Spirostik complies with DIN EN ISO 23747.</p> <p>All Geratherm products are manufactured in accordance with DIN EN 13485.</p> |                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                               |

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