

## DST micro-HRT

### Generation 1

### Generation 2

<b>Sensors</b>	Temperature and heart rate	Temperature and heart rate
<b>Size (Diameter x Length)</b>	8.3 mm x 25.4 mm	8.3 mm x 25.4 mm
<b>Housing Material</b>	Alumina (Ceramic) and biocompatible epoxy	Alumina (Ceramic) and biocompatible epoxy
<b>Weight</b>	3.3g	3.3g
<b>Data Resolution</b>	12 bit (Temperature)	12 bit (Temperature)
<b>Temperature Range</b>	5°C to +45°C (41°F to 113°F)	5°C to +45°C (41°F to 113°F)
<b>Extended Calibration Option</b>	Calibration below 5°C available upon request	Calibration below 5°C available upon request
<b>Temperature Resolution</b>	0.032°C (0.058°F)	0.032°C (0.058°F)
<b>Temperature Accuracy</b>	+/- 0.2°C (0.36°F)	+/- 0.2°C (0.36°F)
<b>Memory Type</b>	Non-volatile EEPROM	Non-volatile EEPROM
<b>Memory Capacity</b>	43,690 measurements per sensor, 174 ECG buffer measurements	87,381 measurements per sensor, 349 ECG buffer measurements
<b>Measurement Interval</b>	User specified in second(s), minute(s), or hour(s)	User specified in second(s), minute(s), or hour(s)
<b>Minimum Measurement Interval</b>	15 seconds	15 seconds
<b>Multiple Intervals Option</b>	Up to 7 different intervals	Up to 7 different intervals
<b>Measurement Options (Primary/Secondary)</b>	Temperature only or Temperature and heart rate	Temperature only or Temperature and heart rate
<b>Heart Rate (HR): ECG Sampling Frequency</b>	80-800Hz	80-800Hz
<b>Duration of HR Measurement</b>	600 ECG samples	600 or 1500 ECG samples
<b>Data Retention</b>	25 Years	25 Years
<b>Clock</b>	Real time clock. Accuracy +/-1 min/month.	Real time clock. Accuracy +/-1 min/month.
<b>Communications</b>	Communication Box, wireless transmission when DST is placed in the box. Connection to PC: USB cable	Communication Box, wireless transmission when DST is placed in the box. Connection to PC: USB cable
<b>Battery Life</b>	3.5 months*	3 months*
<b>Replaceable Battery</b>	No	No

\*For a measurement interval of 10 min at fs=600 Hz. Battery life of heart rate loggers is subject to change based on sampling frequency. Battery is non-replaceable and non-rechargeable