

Claims

1. A method for storing measurement data detected by a sensor device and indicative of an analyte in a sample of a bodily fluid, comprising, in a system (10) having a processor (11) and a memory (12):
 - providing first measurement data indicative of a first measurement value for an analyte in a sample of a bodily fluid measured by a sensor device (13);
 - providing second measurement data indicative of a second measurement value for the analyte in the sample of the bodily fluid measured by the sensor device (13);
 - determining a relative measurement value by the processor, the relative measurement value being indicative of a value difference between the first measurement value and the second measurement value;
 - providing first measurement storage data in the memory (12), comprising storing the first measurement value being assigned to a first storage area having a first storage size in the memory (12);
 - providing relative measurement storage data in the memory (12), comprising storing the relative measurement value in the memory (12), the relative measurement storage data being assigned to a second storage area having a second storage size in the memory (12) which is smaller than the first storage size; and
 - storing an indicator in the memory (12), the indicator being assigned to the relative measurement storage data in the memory (12) and indicative of a characteristic of the relative measurement storage data.
2. The method of claim 1, further comprising storing an additional indicator in the memory (12), the additional indicator being assigned to the first measurement storage data in the memory (12) and indicative of a characteristic of the first measurement storage data.
3. The method of claim 1 or 2, wherein the providing of the first measurement storage data comprises storing an absolute value of the first measurement value.
4. The method of at least one of the preceding claims, further comprising storing the first measurement value, the relative measurement value, and the indicator bit by bit in a consecutive order of data bits.

5. The method of claim 4, wherein the second storage size is smaller by one or more bits compared to the first storage size.
6. The method of at least one of the preceding claims, wherein the indicator assigned to the relative measurement storage data is indicative of a number of data bits assigned to the second storage size in the memory (12).
7. The method of at least one of the preceding claims, wherein the indicator assigned to the relative measurement storage data is indicative of a data compression characteristic of the relative measurement storage data.
8. The method of at least one of the preceding claims, wherein the indicator is provided in a header information in the memory (12).
9. A system for storing measurement data detected by a sensor device and indicative of an analyte in a sample of a bodily fluid, the system (10) having a processor (11) and a memory (12) and configured to:
- provide first measurement data indicative of a first measurement value for an analyte in a sample of a bodily fluid measured by a sensor device (13);
 - provide second measurement data indicative of a second measurement value for the analyte in the sample of the bodily fluid measured by the sensor device (13);
 - determine a relative measurement value by the processor, the relative measurement value being indicative of a value difference between the first measurement value and the second measurement value;
 - provide first measurement storage data in the memory (12), comprising storing the first measurement value being assigned to a first storage area having a first storage size in the memory (12);
 - provide relative measurement storage data in the memory (12), comprising storing the relative measurement value in the memory (12), the relative measurement storage data being assigned to a second storage area having a second storage size in the memory (12) which is smaller than the first storage size; and
 - store an indicator in the memory (12), the indicator being assigned to the relative measurement storage data in the memory (12) and indicative of a characteristic of the relative measurement storage data.