

# Stowood Visi-Download



*Download, analysis, and reporting software for oximeters and capnometers*

**Visi-Download** provides powerful multi-channel playback and analysis of sleep and six-minute walk tests. Developed over 25 years, **Visi-Download** interfaces with a wide range of devices, reducing training time for downloading, analysing, and interpreting results.



- Easy to use, fully automated package, supplied via the internet or on CD
- Single interface works with devices from multiple manufacturers
- Individually configurable analyses and reports
- High quality graphics
- Full statistical analysis

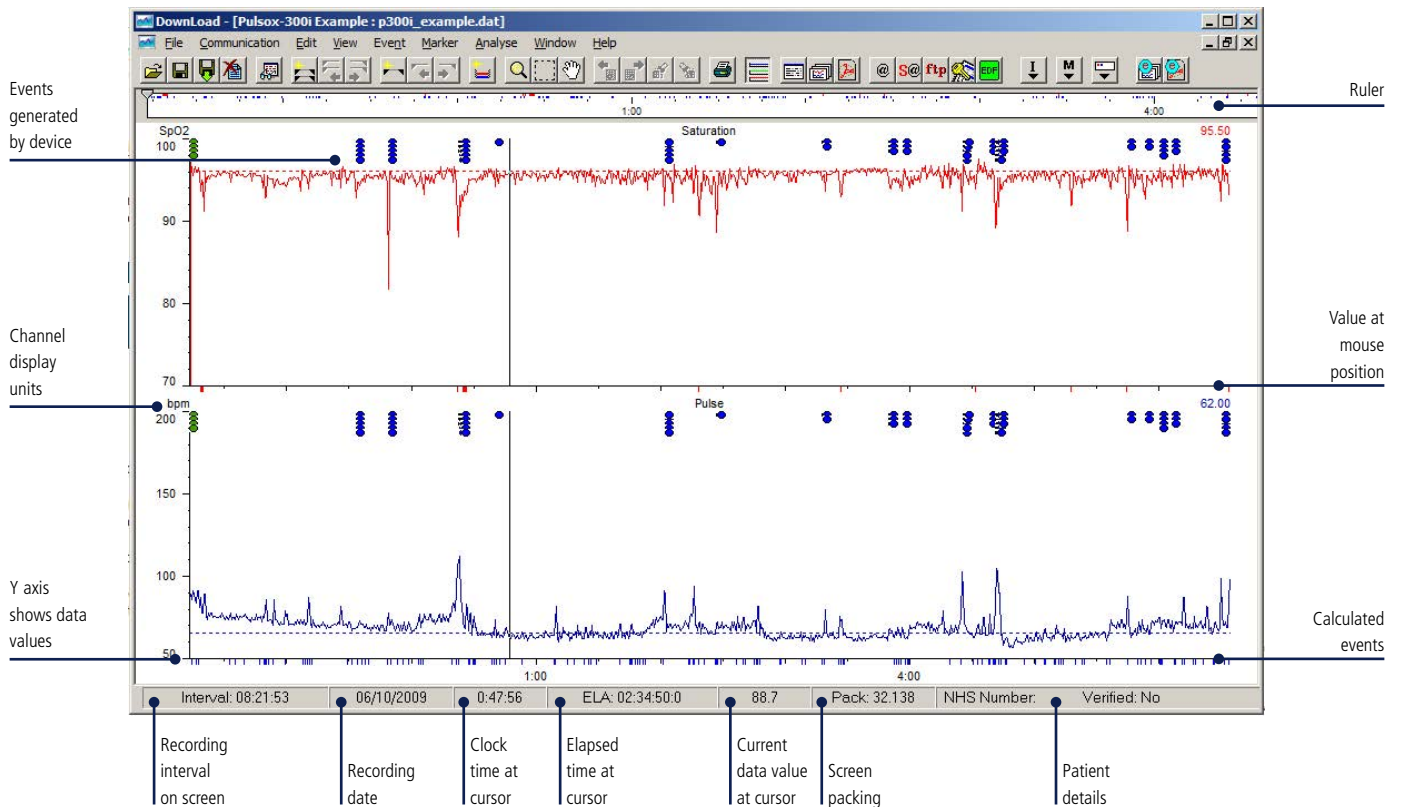
**Visi-Download** is available for many pulse oximeters,  $\text{PCO}_2$ ,  $\text{ETCO}_2$ ,  $\text{PO}_2$ , and other monitors, and in six European languages.

The 'gold standard' of download and reporting software, **Visi-Download** is in daily use in hospitals worldwide. Trial version available.



## Easily review traces before analysing

Visi-Download has simple but powerful tools to review and mark recordings before creating an analysis or report.

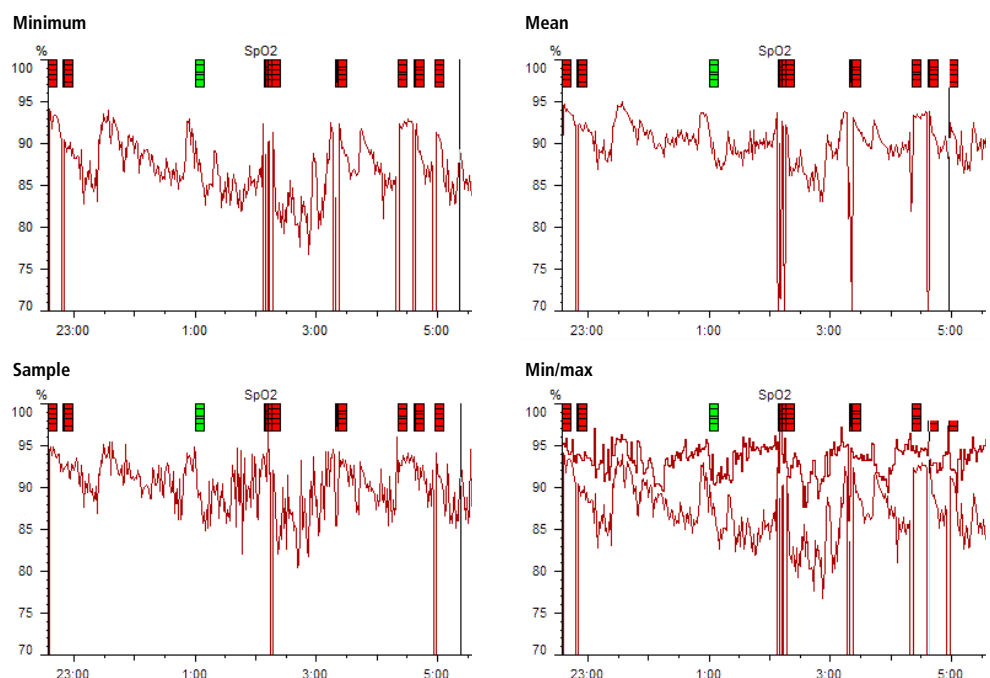


## Powerful display modes allow better visualisation of data

Visi-Download incorporates varied methods of displaying data to further your analysis.

Data traces can be displayed via six different statistical methods (minimum, maximum, mean, sample, min/max, envelope), chosen automatically depending on signal type.

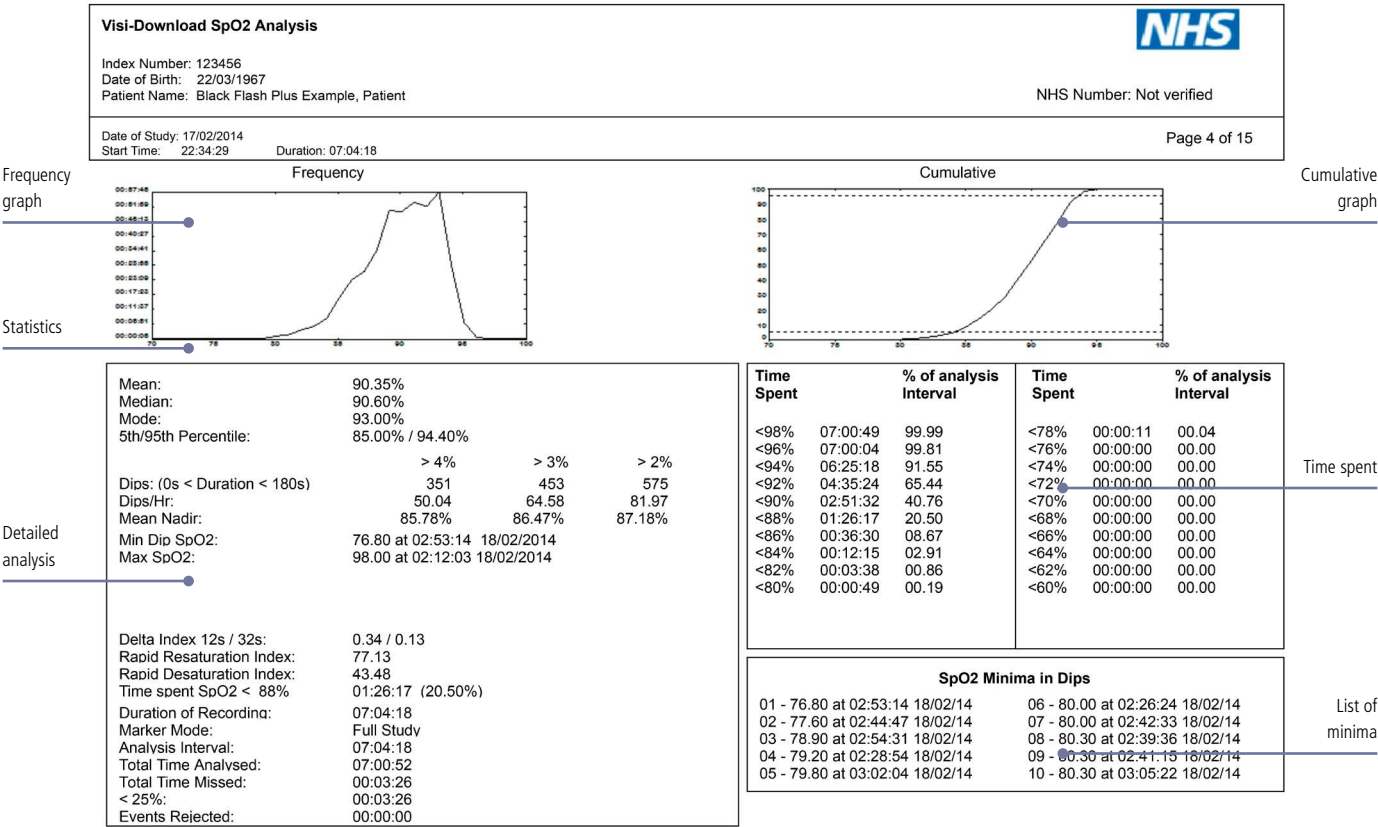
This permits a wider visualisation of data.





# Deep analysis of data for a better diagnosis

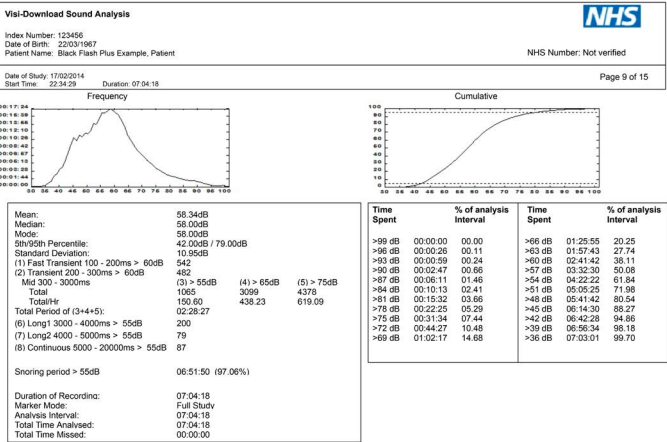
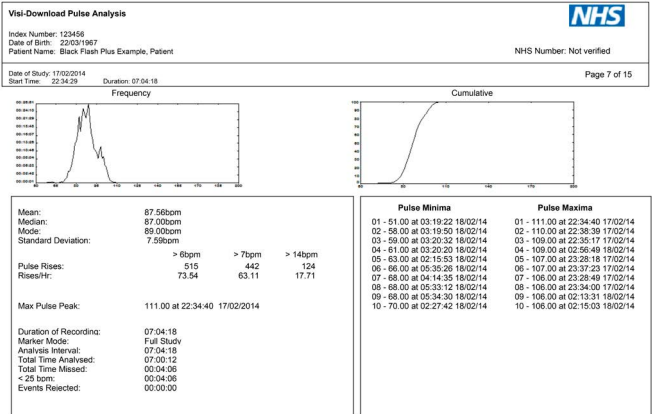
As part of report generation, Visi-Download routinely performs deep analysis of the recording data. This analysis and the reports can be customised, but examples of the analysis are shown below.



## List of dips & minima


### Sound analysis including fast transients

### And many others



## Six-minute walk test reports

Visi-Download has two walk test reports built-in - the Endurance Shuttle Walk Test, and the Incremental Shuttle Walk Test. These can be modified to suit the clinician's needs.



### 6 Minute Walk Test (6MWT)

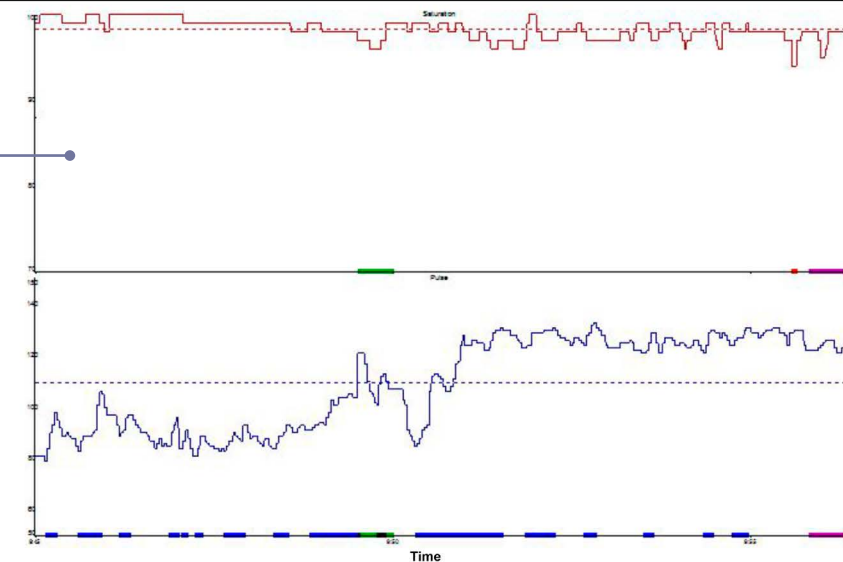
<b>Patient Name:</b> Smithtest, Joantest		NHS Number: Not verified	
<b>Index number:</b> 547647			
<b>Date of Birth:</b> 16/10/1979			
<b>Date of Study:</b> 27/09/2006	<b>Start Time:</b> 9:45:00	<b>Duration:</b> 00:11:18	
<b>Sex:</b> F	<b>Age:</b> 26 yrs	<b>Height:</b> 1.57 m	<b>Weight:</b> 53.00 kg <b>BMI:</b> 21.50

<b>Test #:</b> 1	<b>Systolic BP (mmHg):</b> 120
<b>End Borg:</b> 2	<b>Diastolic BP (mmHg):</b> 80
<b>Distance (m):</b> 560	<b>Pre Borg:</b> 0.5

<b>Duration &lt; 6min</b>	<b>Supp. O2 req</b> N
<b>- Flow (L/min)</b>	<b>- Delivery Device:</b>
<b>- Transport Mode</b>	

<b>Stop/pause &lt; end:</b> N	<b>Other symptoms-end:</b>
<b>- reason:</b>	

<b>Pre SpO2 (%):</b> 97.07	<b>Pre Pulse Rate (bpm):</b> 110.80
<b>End SpO2 (%):</b> 97.40	<b>End Pulse Rate (bpm):</b> 123.47
<b>Min SpO2 dip:</b> 94.00 at 09:55:34 27/09/2006	



**Comments**  
 healthy patient



## Key features

Multi-**device**, multi-**language** program: Visi-Download gets you away from dedicated, simplistic manufacturers' own offerings or limited report generating software.

Presentation with customisable quality graphics: view the signals **any way you like** (full control over scales, time axes, compression). Create, save, and easily apply your preferred methods of viewing.

Device **events** are marked on traces using colour-coding (e.g. low perfusion, artefact etc.), and these or other periods may be excluded from analysis automatically or manually.

**Full statistical analysis:** desaturations, pulse rise and CO<sub>2</sub> analyses are configurable, with high quality graphics and data tables - including Delta Index and Rapid Resaturation analyses.

**Event** confirmation and editing: events (e.g. low perfusion, artefact etc.) may be viewed and fully edited in any time axis.

## Data management

Select recordings on the PC or archive by reverse chronological order, alphabetically or using search facility by patient name/ID.

**Import** data from simultaneous recordings, including actimetry and snoring.

Artefact and cut-off **rejection**, easily adjustable axes, user set montages, editable detected events. **Export** all or selected period/channels of data to **database or spreadsheet** (Text, Excel, Matlab, Access, EDF formats).

**Combining** of interrupted recordings, or splitting of recordings on more than one subject and saving separately.

**Comments**, diagnoses may be entered at the keyboard for printing.

Timesaving "**Download, analyse and print in one**" feature.

**72 day capability** for long-term oximetry.

Reports may be **configured** for the hospital/lab (headings, pages, axes etc.) and printed in B&W or colour, on screen, on paper in international (e.g. A4 or US letter page sizes) and as PDF files for computer faxing or emailing. Uses metric or US measurements and dates in any Windows format.

## Analysis

Printed reports, traces, headings, pages, analysis features can be chosen and configured for the hospital/lab. SpO<sub>2</sub>, pulse rate, PCO<sub>2</sub>, and other analyses include:

Distribution and cumulative graphics (axes adjustable)

Mean, Median, Mode, Minima, SD

5th/ 95th %iles, dip rates (3 settable levels)

Mean nadir

Delta Index

Rapid Resaturation & Desaturation Indices

Time below xx%, lowest saturation etc.

Automated LM and PLM analysis

## Computer requirements

Microsoft Windows™ XP/ Vista/ 7/ 10 with USB port.

300 MB for installation file.

## Compatible devices\*

Manufacturer	Devices
BCI .....	Capnocheck SLEEP/Oxi-Pulse 3304, SPECTRO2 10/20, SPECTRO230
Bitmos .....	sat 801, 801+, 805, 816, 901, 901+
BMC .....	Polywatch
Creative .....	PC-68B
GE/Datex-Ohmeda .....	3700, 3740, 3800, 3900, TruSat
Konica Minolta .....	Pulsox 3i, 3iA, 300i
Masimo .....	Radical, Rad-5, Radical-7, Radical-7 Touch, Rad-8, Rad-9, Rad-57, Rad-87, Rad-97, Rad-97 ETCO <sub>2</sub>
Mindray .....	PM60
Nonin .....	2500 Palmsat, 7500 Benchtop, 3150 WristOx2 Bluetooth, RespSense II, LifeSense II, 3150 WristOx2 BLE
Radiometer. ....	TOSCA, TOSCA 500, TCM4, TCM40, TCM 400, TCM TOSCA, TCM CombiM, TCM5
Sentec .....	SDMS CO <sub>2</sub>
Stowood .....	Grey Flash, Black Flash, Black Flash Plus, Black Shadow, Visi-System

\* Devices are continually being added. Contact us if you're interested in adding your device to this list.

