

# The next evolution in veterinary care.



Datalys V7



Datalys V5



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# Parameters

ECG  
SpO2  
NIBP  
Respiration  
Temperature

# Options

Printer  
IBP  
CO2  
Anesthesia Gas (AG)

# Big or small, we've got you covered!

**Vet specific algorithms**  
provides enhanced accuracy of data  
for large and small animals.



Calibrated for sensitivity,  
the Datalys V series will  
pick up signals from little  
kittens and puppies.



## Beautifully Redesigned Interface

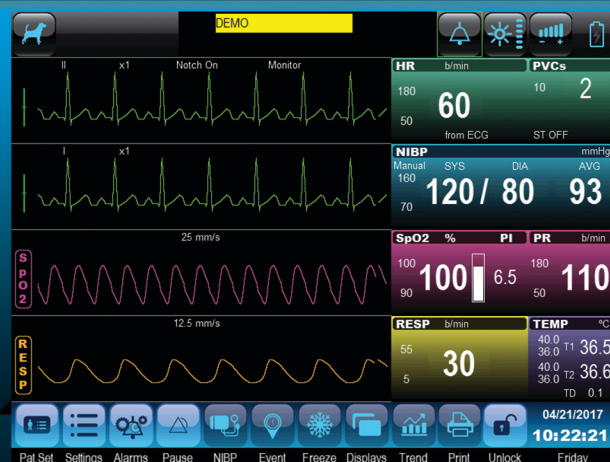
### Clear Large Font Display



Accurate vitals in  
a clear to see format.

### Collect Trend Data

Up to 120 hours



## Specifications

### Safety & Certification

ISO 13485  
CE  
ROHS  
NRTL USA and Canada

### Dimension & Weight

Dim: V5: 9 x 4.7 x 8.2in  
(228.6 x 119.3 x 200.2mm)  
V7: 12.9 x 4.7 x 11in  
(327.6 x 119.3 x 279.4mm)  
Weight: V5: 5.5LB (2.5kg)  
V7: 8.8LB (4kg)

### Performance Specifications

Display: color TFT LCD touch screen  
Display Size: V5: 8.4in, V7: 12.1in  
Display Resolution: 800x600 pixels  
Interface: parameter cable interface,  
AC power input socket,  
network interface, USB socket, auxiliary output  
interface (nurse call), WiFi  
Trace: ECG, SpO2, RESP  
Sweep Speed: 12.5, 25, 50mm/s  
Alarm Type: audio and visual  
Alarm Adjustment: high/middle/Low limits,  
event recall  
Alarm Indicator: yellow & red  
AC Power Indicator: 1 green  
Battery Status Indicator: 1 green  
Audible Alarm Level: high/middle/low

Audio Type: alarm, touch, QRS, PR  
Battery: 11.1V 4400mAh  
Battery Type: Lithium Ion  
Trend Time: One Week  
Networking: central monitoring system  
Printer: built-in thermal array printer  
Printer Data: waveform & data table  
Printer Mode: manual/on alarm/ &  
time defined  
Printer Speed: 12.5, 25, 50mm/s

### ECG

Lead Type: 3-lead  
5-lead  
Heart Rate: 15-350  
Accuracy:  $\pm 1$ bpm or  $\pm 1\%$ , whichever  
is greater  
Wave Sweep Speed: 12.5, 25, 50mm/s

### SpO2

Brand: Nellcor  
Display: digital, pulse column,  
waveform, PR, PI  
Range: 0%-100%  
Resolution: 1bpm  
Accuracy:  $\pm 2\%$  digits (70-100%)  
 $\pm 3\%$  digits (50-69%)  
PR Range: 20-300bpm  
PR Accuracy:  $\pm 3$ bpm  
Alarm Settings: adjustable lower  
and upper limit alarms

### Respiration

Method: thoracic impedance  
Range: 0-120rpm  
Accuracy:  $\pm 2$ rpm

### NIBP

Method: automatic oscillometric  
Mode: manual/automatic/continuous  
Type: SYS/DIA/MEAN  
Auto Mode Time Adjustments: 1, 2, 3, 4, 5,  
10, 15, 30, 60, 90, 120, 180, 240, and 480min  
Unit: mmHg/Kpa selectable  
Large: SYS: 40-270  
DIA: 10-210  
MEAN: 20-230  
Medium: SYS: 40-200  
DIA: 10-162  
MEAN: 20-175  
Small: SYS: 40-130  
DIA: 10-90  
MEAN: 20-100  
Alarm Type: SYS/DIA/Mean  
Accuracy:  $\pm 5$ mmHg  
Pressure Range: 10-270mmHg

### Temperature

Range: 32 - 122 °F (0 - 50 °C)  
Resolution: 0.18°F (0.1°C)  
Accuracy:  $\pm 0.5$ °F ( $\pm 0.3$ °C)  
Unit: °F/°C selectable

### IBP

Range: -50 - 400mmHg  
Channel: 2 channel  
Accuracy:  $\pm 1\%$  or  $\pm 2$ mmHg, whichever is  
greater  
PR Range: 35-250bpm  
PR Accuracy:  $\pm 3$ bpm

### CO2

Brand: Respirationics  
Type: Mainstream or Sidestream  
Range: 0 - 150mmHg  
Resolution: EtCO2: 1mmHg  
FiCO2: 1mmHg  
AwRR: 1rpm  
Accuracy:  
 $\pm 1$ mmHg (0-40mmHg)  
 $\pm 5\%$  of reading (41-70mmHg)  
 $\pm 8\%$  of reading (71-100mmHg)  
 $\pm 10\%$  of reading (101-150mmHg)

### Optional Configuration

ECG  
Nellcor SpO2  
NIBP  
Respiration  
Temperature

### Optional Configuration

IBP  
CO2  
Multigas (AG) - V7 only