The next evolution
in veterinary care.

Datalys V7

Datalys V5

Lutech®

Parameters

ECG
SpO2
NIBP
Respiration
Temperature

Options

Printer
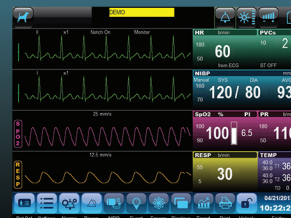IBP
CO2
Multi-gas

Big or small, we've got you covered!

Vet specific algorisms provides enhanced accuracy of data no matter how small or how big the animal.

Calibrated for sensitivity, the Datalys V5 and V7 will easily pick up signals from kittens, puppies and small exotic animals.

Out with the old and in with the new.

A beautifully redesigned user interface to launch you and your practice into the 21st Century!

Brand New Crystal Clear Interface

Specifications

Safety & Certification
ISO 13485:2003/EN ISO 13485:2012
ISO 9001:2008
CE
ROHS
NRTL USA and Canada

Dimension & Weight
Dim: 11.8in x 4.5in x 11in
        (300mm x 115mm x 280mm)
Weight: 6LBs (2.7kg)

Operating Environment
Weight:

Performance Specifications
Display: color TFT LCD touch screen
Display Size: 8in
Display Resolution: 800x600 pixels
Interface: parameter cable interface,
    AC power input socket,
    network interface, SD card socket
Trace:
Sweep Speed:
Alarm Type: audio and visual
Alarm Adjustment: high & Low limits,
    event recall
Alarm Indicator: 24 (12 yellow & 12 red)
AC Power Indicator: 1 green

Battery Status Indicator: 1 green
Audible Alarm Level: 45~85dB
Audio Type: alarm, key-press, QRS, PR
Battery: Li-ion
Trend Time: 1-120min
Networking: central monitoring
Printer: built-in thermal array printer
Print Date: waveform & data table
Printer Mode: manual/on alarm/ &
    time defined
Printer Speed:

ECG
Lead Type: 3-lead (standard)
        5-lead

SpO2
Brand: Masimo
Display: digital, pulse column,
    waveform, PR
Range: 0%-100%
Resolution: 1%
Accuracy: ±1%
PR Range: 30-254bpm
PR Accuracy: ±1bpm
Alarm Settings: adjustable lower
    and upper limit alarms

Respiration
Method: thoracic impedance
Range: 7-120rpm
Accuracy: ±2rpm

NIBP
Method: automatic oscillometric
Mode: manual/automatic/continous
Type: SYS/DIA/MEAN
Auto Mode Time Adjustments: 1/2/3/4/5/
10/15/30/60/90/120/180/240/480min
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: ±5mmHg
Pressure Range: 0-270mmHg

Temperature
Range: 41 - 122 ºF (5 - 50 ºC)
Unit: ºF/ºC selectable

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

CO2
Brand: Masimo
Type: Mainstream or Sidestream
Sample Rate:
Range: 0 - 150mmHg
Resolution: $EtCO_2$: 1mmHg
        $FiCO_2$: 1mmHg
        AwRR: 1rpm

Standard Configuration
ECG
Masimo SpO2
NIBP
Respironics
Temperature

Optional Configuration
IBP
CO2
Multi-gas
Printer