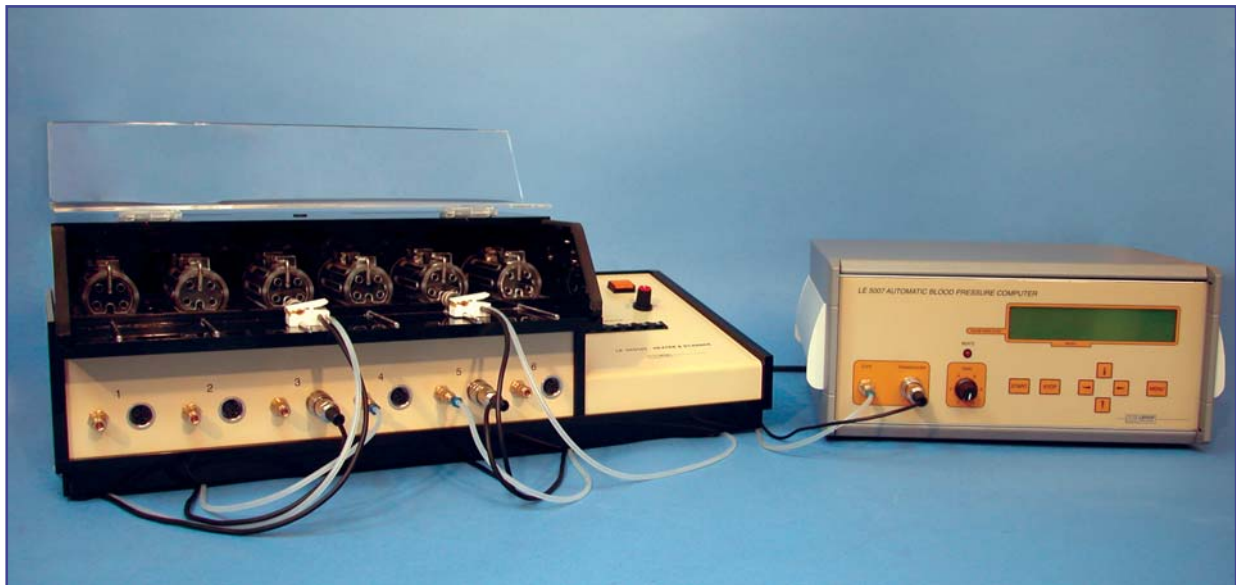


Automatic NIBP for 6 Animals

The only apparatus on the market that has all these important features:

- Consecutive automatic measurement in 6 animals, extendable to 12
- ONLY 4 measurements per animal needed
- Can measure up to 30 or 60 animals/hour comfortably
- Measurement of Systolic Pressure when the heart beat disappears or the first pulse appears (user selectable)
- Measurement and display of REAL pressure and pulse value behaviour during the occlusion process
- Automatic sleeve deflation when Systolic Pressure is reached
- Avoids conflictive deterioration in the tail through submitting animals to unnecessary occlusion pressures
- REAL Systolic Pressure reading without calculations or algorithms
- No calibrations required, with traceability of the measuring process
- Autonomous operation and internal storage of measured values. The PC is only required for a subsequent more advanced processing of the data stored in the Unit



The System is comprised of basically two apparatus:

CONTROL UNIT, where the measurements are programmed and the data obtained are stored. It can work with two HEATERS (12 animals)

HEATER/SWITCH, to place the animals in a setting with SURROUND heat and protect them from external noises.

Temperature can vary from 30 to 38°C. The measurements are performed sequentially, one animal after the other, and the animal to be measured can be selected manually. Its design facilitates the taking of blood samples.

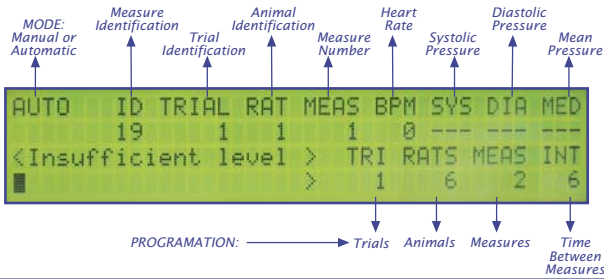
For other characteristics, see our General Catalogue

MONITORIZING DATA:

The system presents the results of the measures in three different ways (Outputs):

DISPLAY OUTPUT

The Data are shown in display of the LE 5007 and stored to be examined later



DIGITAL OUTPUT

Data are sent to the PC via RS 232 and stored in ASCII format

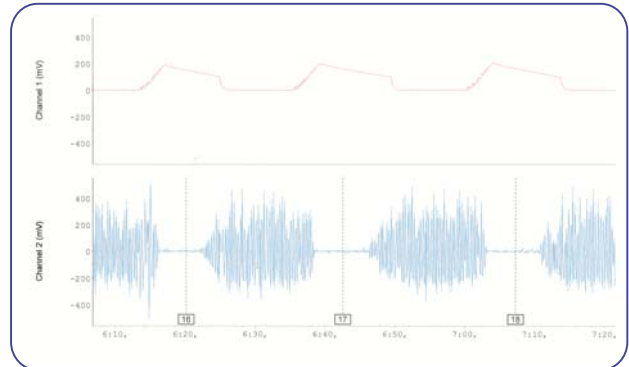
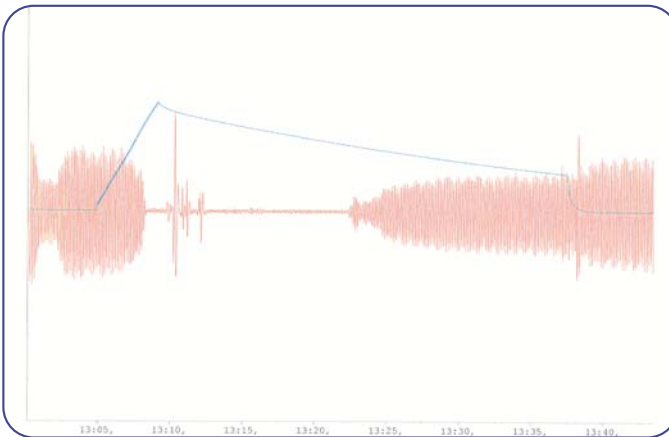
AUTOMATIC DATA							
ID	TRIAL	RAT	MEAS	BPM	SYS	DIAS	MED
7	1	1	1	396	108	80	89
8	1	1	2	396	104	76	85
9	1	2	1	396	103	75	84
10	1	2	2	396	102	74	83
11	1	3	1	396	102	74	83
12	1	3	2	395	102	74	83
13	1	4	1	396	102	75	84
14	1	4	2	396	102	74	83
15	1	5	1	396	102	74	83
16	1	5	2	396	102	73	82
17	1	6	1	396	101	73	82
18	1	6	2	396	103	73	83

STATISTIC DATA							
ID	TRIAL	RAT	MEAS	BPM	SYS	DIAS	MED
7	MAN	1	1	405	109	83	91
7	1	1	1	396	108	80	89
8	1	1	2	396	104	76	85

X = 399 107 80 88
S = 5 3 3 3
n = 3 3 3 3

ANALOGIC OUTPUT

Monitorizes, via USB, the chart of Pressure of the Cuff and Cardiac Pulse. Wide possibilities of treatment of the signal



CONFIGURATIONS:

LE 5004

Control Unit LE 5007/05
Heater 6 Mice LE 5660/6
6 Transducers/cuffs LE 5160/M
6 Holders (choose model)

LE 5006

Control Unit LE 5007/05
Heater 6 Rats/Mice LE 5650/6
6 Transducers/cuffs (choose model)
6 Holders (choose model)

MEASURES & WEIGHTS

LE 5007/05	37 x 34 x 17 h	cm	10 Kg
LE 5660/6	60 x 29 x 20 h	cm	12 Kg
LE 5650/6	80 x 29 x 20 h	cm	15 Kg