

LUMED® EUROHOLTER ABPM SYSTEM

PRODUCT DESIGN rev. 01

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LUMED® EUROHOLTER ABPM SYSTEM

Generalità:

- Sistema Windows compatibile
- Connessione USB tra registratore e PC
- Non richiede dongle di licenza
- Disponibile in italiano, inglese e tedesco
- Report PDF nativo oppure normale stampa USB

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Caratteristiche del software:

- Archivio pazienti ed esami
- Archivio dei registratori
- Gestione esami: avvio di una nuova registrazione, scarico di un registratore ecc
- Parametri: PA sistolica, PA diastolica, PA media e pulsazioni
- Vista dati:
 - sommario
 - Trend: misure, medie orarie, circadiano
 - Tabella misure, istogrammi, grafici a torta, grafici della correlazione

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Caratteristiche del software :

- Soglie di PA
- Elaborazione dati:
 - Soglie, medie, valori massimi e minimi
 - Morning Surge, Dipping
 - Cross-correlazione with Correlation Index e Dispersion Center
 - Aggregazione percentuale delle misure
- Report

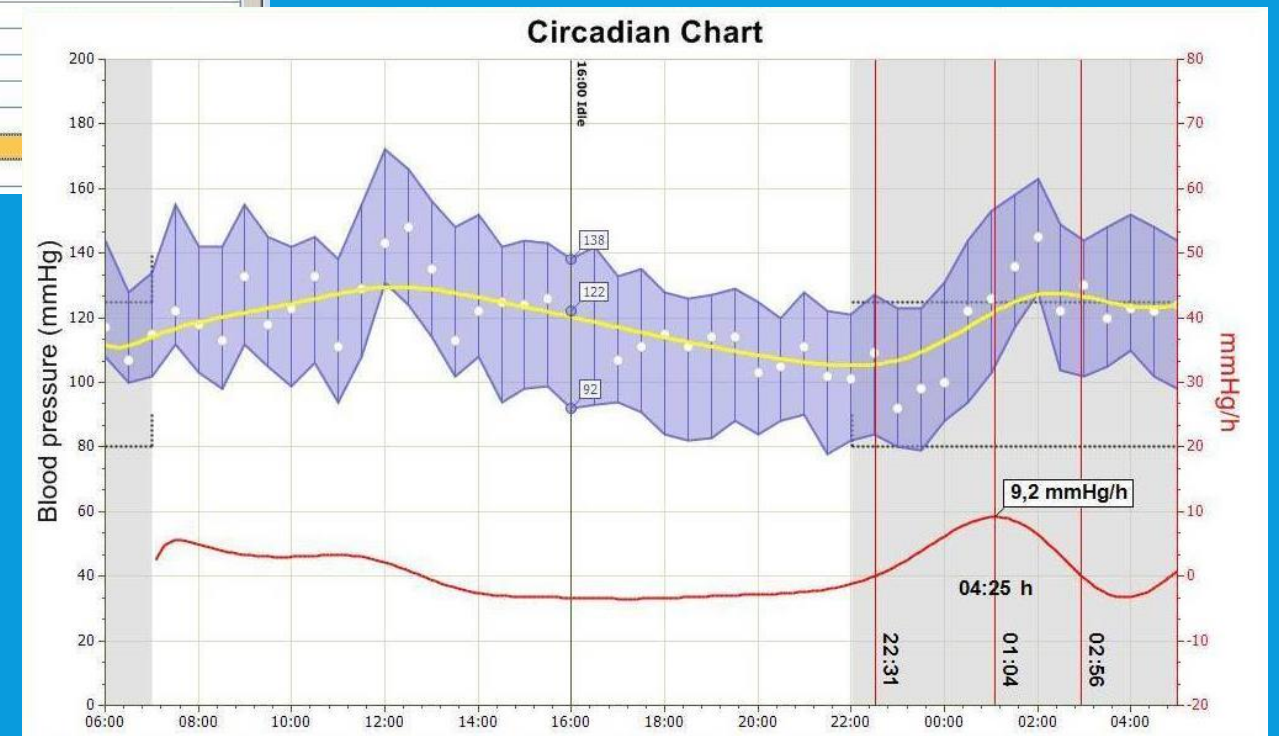
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Patient Info.			Blood Pressure Limits	
Name: <input type="text" value="demo001"/>	Gender: <input type="text" value="Male"/>	Age: <input type="text" value="20"/>	<input type="button" value="Set as default"/>	<input type="button" value="Default"/>
Patient ID: <input type="text" value="demo001"/>	Height: <input type="text"/>	Weight: <input type="text"/>	----- ABPM Limits -----	
Room: <input type="text"/>	Insurance: <input type="text"/>	<input type="checkbox"/> Smoker	-- Average Values --	
Comments: <input type="text" value="H000000001"/>			Day: 135/85 mmHg	Night: 120/75 mmHg
			Total: 130/80 mmHg	
			-- Single Values --	
			Day: 140/90 mmHg	Night: 125/80 mmHg
			----- Self measurements -----	
			135/85 mmHg	
			<input type="button" value="Advanced"/>	

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No.	Date	Time	SBP	DBP	MBP	HR	State	Exclude	Comment
1	2007-05-29	06:00	144	108	117	72	Idle	-	
2	2007-05-29	06:30	128	100	107	75	Idle	-	
3	2007-05-29	07:00	134	102	115	74	Idle	-	
4	2007-05-29	07:30	155	112	122	70	Idle	-	
5	2007-05-29	08:00	142	103	118	72	Idle	-	
6	2007-05-29	08:30	142	98	113	74	Idle	-	
7	2007-05-29	09:00	155	112	133	69	Idle	-	
8	2007-05-29	09:30	145	105	118	78	Idle	-	
9	2007-05-29	10:00	142	99	123	72	Idle	-	
10	2007-05-29	10:30	145	106	133	68	Idle	-	
11	2007-05-29	11:00	138	94	111	72	Idle	-	



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Total (2007-05-29 06:00 → 2007-05-30 05:00)					
	Min	Average	Max	STDEV	CV
SBP (mmHg)	120 (20:30)	141 < 130	172 (12:00)	12,63	0,09
DBP (mmHg)	78 (21:30)	98 < 80	131 (12:00)	12,53	0,13
MBP (mmHg)	92	118	148	12,24	0,10
HR(BPM)	68 (10:30)	75	88 (01:30)	4,91	0,07
Above limits (SBP): 66,0%		Above limits (DBP): 78,7%			
Nocturnal reduction rate - SBP: -0,7%		DBP : -1,0%			
Total Records:	47	Valid Records:	47	Valid percents:	100,0% (>90%)

Day (07:00 → 22:00)					
	Min	Average	Max	STDEV	CV
SBP (mmHg)	120 (20:30)	140 < 135	172 (12:00)	12,62 < 17	0,09
DBP (mmHg)	78 (21:30)	98 < 85	131 (12:00)	12,22 < 13	0,12
MBP (mmHg)	102	119	148	11,10	0,09
HR(BPM)	68 (10:30)	74	82 (14:30)	3,59	0,05
SBP > 140 mmHg: 56,7% (<25%)		DBP > 90 mmHg: 73,3% (<25%)			
Total Records:	30	Valid Records:	30	Valid percents:	100,0%

Night (22:00 → 07:00)					
	Min	Average	Max	STDEV	CV
SBP (mmHg)	121 (22:00)	141 < 120	163 (02:00)	12,72 < 13	0,09
DBP (mmHg)	79 (23:30)	99 < 75	128 (02:00)	13,03 < 10	0,13
MBP (mmHg)	92	117	145	13,85	0,12
HR(BPM)	68 (23:00)	78	88 (01:30)	5,63	0,07
SBP > 125 mmHg: 82,4% (<25%)		DBP > 80 mmHg: 88,2% (<25%)			
Total Records:	17	Valid Records:	17	Valid percents:	100,0%

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Caratteristiche del registratore:

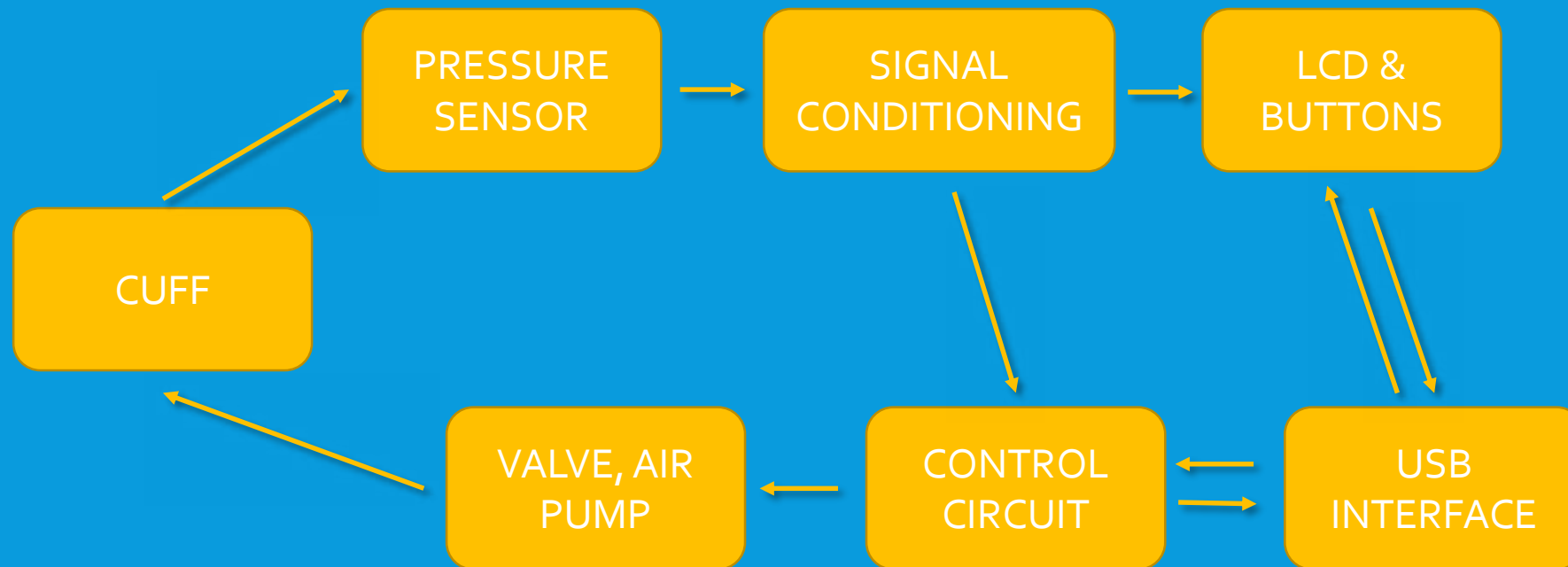
- Metodo oscilometrico
- Bracciali a singolo tubo
- Limite di sicurezza nel gonfiaggio
- Display OLED
- 2x AA alkaline o ricaricabili
- Tasti funzioni: on/off, data replay, commutazione giorno/notte

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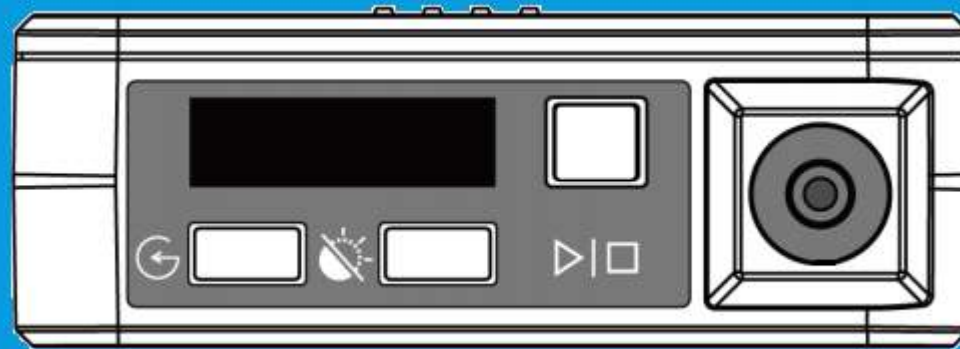
Caratteristiche del registratore :

- Modi operativi:
 - Fisso
 - Auto
 - Sleep
 - Personalizzato

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