

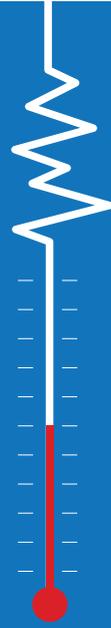
Made in KOREA



Thermo:Manager™

M e d i c a l D e v i c e





CONVERGENCE
TECHNOLOGIES
FOR
BIO-MEDICAL
SCIENCE

www.savelife-cmlab.com



Thermo:Manager™ M e d i c a l D e v i c e

The goal of the CMLAB is to develop new technology using the 4th industrial technology convergence energy: which is the AI, VR, IOT, VR which converges to make medical device. Our goal is to use these convergence technologies in the manufacture of medical devices. CMLAB is a biomedical laboratory. We have a very keen interest in developing medical devices using convergence 4th generation technology that meet the demands and challenges of our time.

Before the COVID 19 pandemic, we developed a general device thermometer. But because of the COVID 19, we have developed a more advanced and very accuracy non contact thermometer which can work in very adverse environmental condition with very high accuracy reading. The sensor on our thermometer will either reduce or increase the environmental temperature of the thermometer for accurate reading. Typical example where this is effective can be very hot places like in Africa South East Asia and the middle East where the temperature is sometimes very high outside or Russia, some Eastern European countries and some parts of North America where temperatures can be very cold outside. Our thermometer has three functions. Ear, armpit non contact on the forehead.

CMLAB is all about catching some of this little but very life saving inaccuracy in medical devices develop the technology that solves the problems. A mistake body in body temperature is a matter of life and dead with the COVID 19 today and CMLAB is there to provide you with the most accurate thermometer in the market.

ThermoCops™

Non-face-to-face automatic access management system



ThermoCops™
'Detachable'



QR code
Identification
'Self check'



Body
temperature
'Self check'

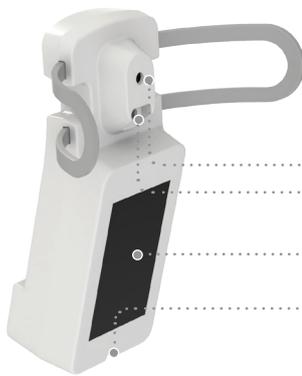


Automatic data
storage and
remote transmission



Data record
management

- Non-contact Infrared thermometer
- Dual mode : EAR and Forehead
- Automatic ambient temperature correction function(patent)
- Micro-C type : Charging battery
- Automatic human body detection function
- Non-contact automatic body temperature measurement and display. Notification when abnormal body temperature occurs
- Measurement data transmission(wifi)



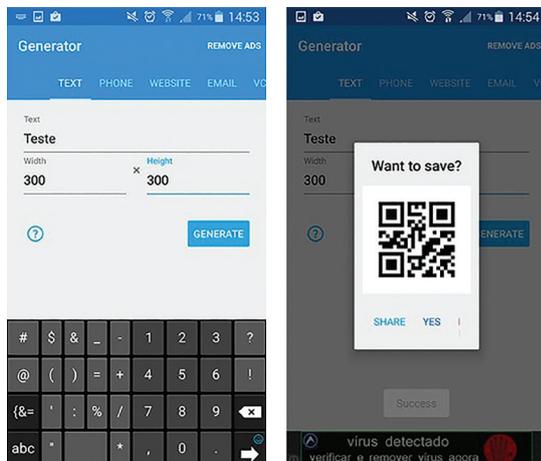
CM Lab's "non-face-to-face automatic access management system" is a system that automatically checks body temperature and identity. Measured data is recorded/managed.

- Non-contact Infrared thermometer
- Automatic human body detection function
- Android based
- Body temperature/identity automatic display and data transmission
- Touch Screen
- QR code method ID check-camera

Non-face-to-face automatic access management system

Generate QR code by yourself → QR code Identification 'Self check' → Body temperature 'Self check'

CMLAB provides QR code generation a software



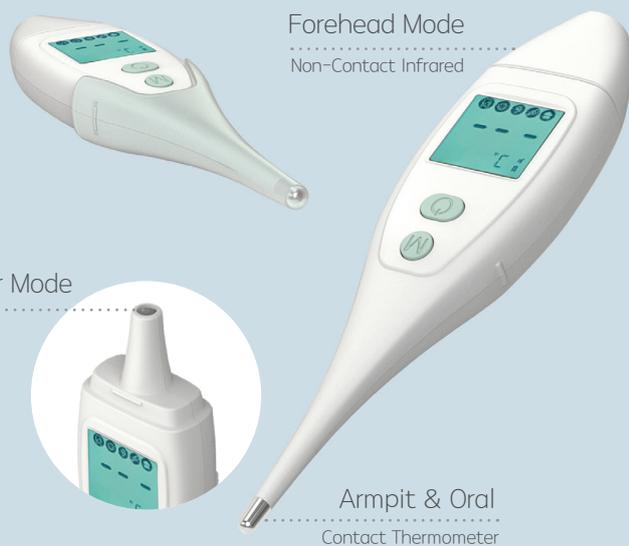
ThermoDoc™

Infrared Thermometer & Digital Thermometer



CM2222A

- Non-contact Infrared thermometer
- Dual mode : EAR and Forehead
- Automatic ambient temperature correction function (patent)
- Micro-C type : Charging battery
- 40sets of memory data
- Adult, Child, Object mode



CM2222B

- Non-contact Infrared thermometer
- Dual mode : EAR and Forehead
- Digital Thermometer (Armpit & Oral)
- Adult, Child, Object mode
- World first device 3 in 1

Model	CK2020B	CM2222A	CM2222B	CM2222C
Photo				
Type of Sensor	Infrared Thermometer		Infrared Thermometer & Digital Thermometer	Digital Thermometer
Type of Measurement	Forehead and ear		Forehead and ear & Armpit, Oral	Armpit, Oral
Measurement Range	32.0°C ~ 42.9°C			
Precision	±0.2°C			
Operation Mode	Continuous operation			
Display Resolution	0.1°C			
Low-voltage Prompt	The product shall display low-voltage if the voltage is below 2.65V ± 0.1V.			
Operation Environment	Temperature : 10°C ~ 40°C(50°F ~ 104°F) / Humidity : 15 ~ 95%RH, non-condensing Atmospheric pressure : 70 ~ 106kPa			
Storage Environmen	Ambient Temperature : -20°C ~ 55°C(-4°F ~ 131°F) Relative Humidity : 0 ~ 95% RH, non-condensing / Atmospheric pressure : 50kPa to 106kPa			
Sound	≥50db			
Electrical Type	BF Type			
Measurement Time	Around 1 seconds		Around 30 seconds	
Automatic Power off	10s±1s		60s±6s	
Display Mode	TN 1.45 LCD		0.91 OLED	
Temperature Unit	°C/°F adjustable			
Memory Storage	40 groups of measurement data			
Battery Specifications	AAA×2, replaceable	Li-3.7V × 1 Charging battery	CR 2450 × 1	cr2032 × 1
Working Voltage	DC 3V	DC 3.7V	DC 3V	DC 3V
Dimension(mm)	163.5 × 40 × 41	157.8 × 40 × 51	168.5 × 42 × 22.2	135 × 27 × 15.3
Weight(g)	93g	90g	68g	32g



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