



TECHNICAL SPECIFICATIONS

Tucky-21 wearable thermometer

Type of product	Wearable clinical thermometer
Functions	Body temperature & position monitoring
Reference	Tucky-21W
Medical device	Class IIa ; CE marked since 2016
Measurement location	Armpit (flexible for comfortable wearing)
Normal condition of use	Temp. = 15 to 40°C (59 to 104°F) ; RH = 15 to 95 %
Storage / transport conditions	Temp. = 10 to 27 °C (+50 to 80°F) ; RH = 40 to 60 %
Display resolution	0,1 °C (0.2°F)
Displayed temperature range	24 to 44 °C (75 to 111°F)
Accuracy	±0.1 °C (0.2 °F) from 37 to 39 °C (98 to 102 °F); ±0.2 °C (0.3 °F) from 32 to 37 °C (90 to 98 °F) and from 39 to 42 °C (102 to 107 °F); ±0.3 °C (0.5 °F) beyond these ranges.
Power source	Rechargeable internal Lithium battery not accessible. Capacity: 35 mAh
Batterie level indication	In the app
Charging time	<1H30
Operating time	>120h per charge
USB cable	USB 2.0 Type A male to Micro USB Type B male cable
Technologie Bluetooth	Bluetooth Low Energy (4.2); very low output power (1.55 mW)
Number of Bluetooth connections	From 6 to 12 simultaneous Bluetooth connection (depending on smartphone)
Communication range	Up to 10m in Bluetooth (patented dual smart antenna system) Unlimited on a second smartphone (relay mode)
Internal data storage	Up to 0h can be recorded when out of Bluetooth range, with automated synchronization
Data storage (relay mode)	Secured medical cloud database
Protection Rating	IP22: Protected against solid bodies larger than 12 mm And protected against dripping water up to 15° from vertical
Alerts and information	High temperature: >38.4 °C (101.1 °F) (modifiable), Rollover on the belly (desactivable), Battery discharged (<6 %), Tucky detached, Long connection loss (>15min), Error
Material	Medical grade stainless steel probe 60s (once applied under the armpit, ~15 min is necessary to reach
Response time	stable reading) 5 years (500 charge cycles)
Lifespan	Instruction for use, charger cable, x5 double-sided adhesives
Supplied accessories	

↑ 27 mm ↓



Weight: 8 grams



ADH-21 double-sided adhesives

Reference	ADH-21-P1 (x15 refillbox)
Technology	Medical grade silicone
Biocompatibility	Yes (ISO10993)
Wearing time	Max 24h
Storage / transport conditions	+10 to 27 °C. Humidity: 40 to 60 %
Lifespan	5 years

↑ 30 mm ↓

