



Automatic Measurement

NON-CONTACT, 5 – 7 CM

FORA Autonomous Temperature Measuring Station

ForaCare



- [Autonomous Temperature Measuring Station](#)
- [Key Features, Benefits and Advantages](#)
- [Autonomous Temperature Station Components](#)
- [Other Standalone and Non-Autonomous Systems](#)
- [Comparison Table](#)

The Safest Way to Measure Temperature

The Autonomous Temperature Monitoring Station is a system developed by FORA to monitor peoples' temperatures at ease.

It automatically measures people temperatures upon approach, and does not need an aide to operate it, reducing cross-infection risks.

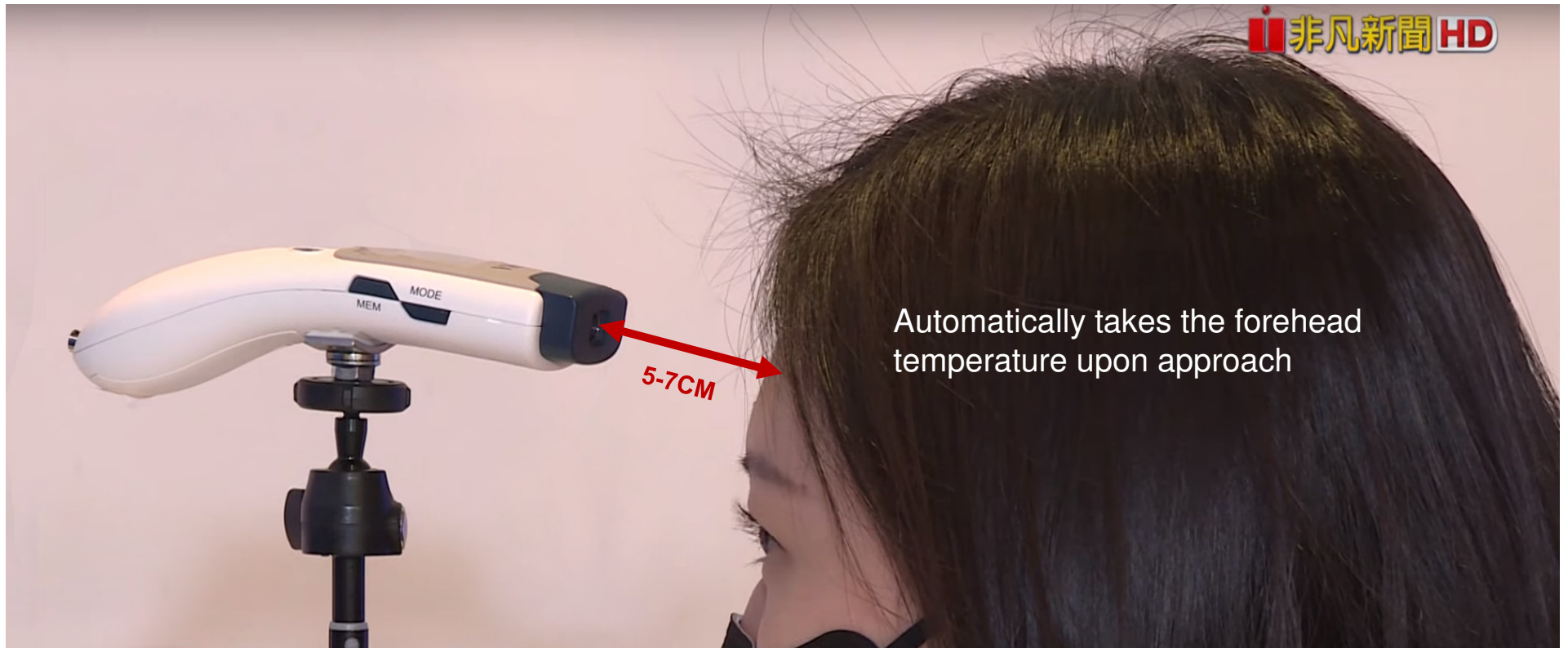
It is ideal to be installed in places with large flow of people:

- Customs
- Hospitals
- Schools
- Companies
- Events

COVID-19 : 1m safety distance



Avoids cross-infection risk and reduce human resource cost





Features, Advantages and Benefits

Features	Advantages	Benefits
Autonomous System	Auto measurement, no human operation is needed.	<ul style="list-style-type: none">Improves user testing experienceA single staff can monitor multiple stations
Advanced IR Technology	ACCURATE & NON-CONTACT (3 – 7 CM distance) Allows temperature measurements without contact with the thermometer	Minimizes risk of cross-infection
Results in short time (Only 2 seconds)	Fast results	<ul style="list-style-type: none">Quick test improves user testing experiencePeople won't need to wait for long linesCan measure on average 15 people's temperature per minute
Mobility Design	Built with medical-grade wheeled stand. Can function for 8 hours with a fully charged iPad	<ul style="list-style-type: none">Easy to move and use the station indoor and outdoorPower saving
Temperature Alarm	Alerts people with high temperatures on spot (the temperature alarm range can be adjusted)	People know if they have abnormal temperature on-the-spot
Takes Face Picture with Measurement	More complete data with increased traceability	Allows institutions to track people with abnormal temperatures
Advanced Software	<ul style="list-style-type: none">Data Log and AnalysisStable system with software upgrades	<ul style="list-style-type: none">Intuitive UI design, easy to useAllows service providers to analyze people's data in charts



System Components



iPad (default)

- 10.2 inch screen
- Wi-Fi, 32 GB
- FORA Temperature Monitor Software
- Data uploaded to a cloud system

FORA IR41 Professional Forehead Thermometer

- Advanced Infrared Technology
- accurate and precise
- Clinically validated with $\pm 0.2^{\circ}\text{C}$ accuracy
- Bluetooth (BLE) Connectivity
- LED backlight display with large digits



Medical Grade Wheeled Station

- Tablet holder, compatible for 10.2 inch
- Adjustable tube with a thermometer holder
- Robust and stable wheels
- All components meet medical-grade requirements
- Basket & plate accessories



FORA IR41 – Reliable Results White House



[White House now conducting temperature checks amid outbreak](#)

An aide takes the temperature of a member of the press before a coronavirus briefing with Vice President Pence at the White House on March 14. [News from CNN](#)



FORA IR41 – Reliable Results Voice of America



FORA IR41
Professional Forehead
Thermometer

Other Standalone and Non-Autonomous Systems

Most Thermal Imaging IR camera data sheets show an accuracy specification of $\pm 2^{\circ}\text{C}$ or 2% of the reading.



- Visual images cannot reliably detect fever & abnormal temperatures
- Difficult to identify fever cases through only thermal image
- Staff may overlook people with fever
- Not clinically validated



Industrial thermometers are inaccurate for body temperature measurements. The accuracy for 0~100°C surface temp. is $\pm 1\sim 1.5^{\circ}\text{C}$



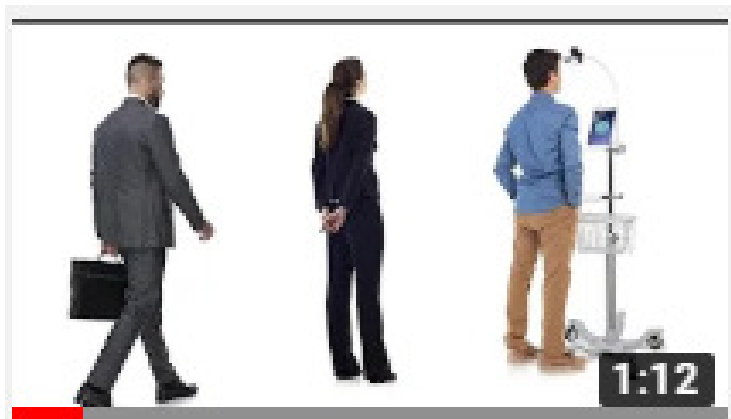
Infrared thermometers are ideal for professional and home use.

The accuracy for forehead temp. is $\pm 0.2\sim 0.3^{\circ}\text{C}$

However, without a system, it has to be manually operated by an aide.

COVID-19 requires a distance of **1 meter** to prevent infection

These two videos support English captions.



FORA launches a Non-Contact Autonomous...

Video 1 [FORA launches a Non-Contact Autonomous Temperature Measuring Station](#)



ForaCare released Autonomous Temperature...

Video 2 [ForaCare released Autonomous Temperature Measuring Station](#)



	Thermal Imaging IR camera	Industrial Temperature Gun	Infrared Temperature Gun	FORA FocusTemp IR42 Non-Contact Forehead Thermometer	FORA AUTO Forehead Measurement Station
Where to Use	Commonly used in: Airport / Customs / Hospital	Commonly used in: Industrial applications / Maintenance services / Construction	Small office / home / school / clinics	Small office / home / school / clinics	Suggest to be used in: Airport / Customs / Hospital / Theatre / Conference / School / Company / Events / Public institutions
Medical Certificate (TFDA/FDA/CE)	NO	Industrial : NO Medical Grade : YES	YES	YES	YES ASTM E1965-98
Accuracy	±2°C or 2% of the reading, not accurate enough	Normally for 0~100°C surface temp. range: ±1~1.5°C	Depends on manufacturer	±0.2°C for 35.0°C to 42.0°C range; ±0.3°C for temperatures below 35.0°C and above 42.0°C	±0.2°C
Measurement Distance	2M+	<20CM	Depends on manufacturer	3-7 CM	3-7 CM
Traceability	YES	NO	NO	NO	YES
Auto Measurement	YES	NO	NO	NO	YES
Real time sync to a cloud system	YES	NO	NO	NO	YES