

## Fever Screening Station

### Heavy Duty Workstation with PC, 24" Monitor and Temperature Screening Thermographic Turret Camera

An elevated temperature (fever) can be an indication of a person being infected with Covid-19. Fever detection through the use of medical thermometers is time consuming and requires close staff-patient contact which increases the risk of the spread of infection. This can be done smarter, faster and safer through the measurement of skin-surface temperature with the help of the Agile Medical Fever Screening Station. This is an all-in-one, mains-powered workstation providing rapid, precise and contactless measurement of skin-surface temperature using facial recognition and thermal imaging technology to provide fever screening for public locations with multiple person entry. This workstation provides a complete standalone and 'ready to roll' solution, without any need for installation. It is important to note that the Fever Screening Station measures skin surface temperature, which is an accurate reflection of core body temperature.

#### Key features:

##### Cart:

- Heavy Duty Medical Grade Workstation with Keyboard and Mouse Shelf, Monitor Mount and Thermal Camera Mount
- Standard UK Mains Power to IEC connection
- Thermal camera is set at 1.5m high which is the optimum height for accurate temperature measurement.

##### Camera:

- 160 x 120 resolution in thermal channel, high sensitivity sensor
- Temperature range: 30°C to 45°C; temperature accuracy:  $\pm 0.5$  °C
- Reliable temperature exception alarm function
- 3D DNR, image detail enhancement
- Audio alarm.



Patent pending.

## Heavy Duty Workstation with PC, 24" Monitor and Temperature Screening Thermographic Turret Camera

### Applications:

- 'Entrances to Red and Amber Patient Pathways' – Deploy as the first point of measurement for Covid-19 symptoms in hospital visitors. If a temperature warning is shown, further symptom tests can be carried out by clinicians
- 'Entrances to Green Patient Pathways' – Where infection control is at the highest priority, ensuring quick and accurate screening of early Covid symptoms is critical to keep these areas free from infection.
- 'Main Visitor and Staff Entrances' – Visitor through flow is high at main entrances. The Fever Screening Station can record multiple temperatures at one time reducing backlog of visitors arriving at the hospital and ensure all visitors temperatures are recorded.
- 'Within the elective pathway' – When surgical inpatients have self-isolated for approximately 2 weeks, all hospital staff within the respective department must be temperature screened to eliminate any risk of infection within a high-risk surgical environment.

### Advantages:

**Ready to roll** – all IT hardware and software is set up prior to delivery, simply plug and play!

**Standalone** - no network or Wi-Fi connection is required for the thermal camera and related software to fully function.

**Real time** – skin-surface temperature is displayed in real time, enabling quick throughflow of visitors, subsequently reducing backlog.

**Multiple people at once** – the thermal camera has capacity to measure up to 30 separate temperatures at one time, this ensures that the temperature of all entrants are recorded.

**Passive not active** – visitors and staff do not have to actively engage in temperature measurement like they would with medical thermometers. This relieves burden on staff and improves the patient experience.

**Contactless** – contactless temperature measurement reduces the risk of infection spread between staff and visitors.

**Maintain social distancing** – the government regulations on social distancing can be maintained (optimum distance for the thermal camera is 1.5 metres).

**Ongoing support** – remote technical support and on-site support from Agile Medical technicians.

**Redeployment** – these Fever Screening Stations can be redeployed at a later date as computer carts for Electronic Patient Records (EPR) or electronic drugs administration (e-Prescribing).

### Testimonials:

***"Staff are finding the machine easy to use, No patients have refused, some like to do it on the way in & out of the building!"***

### Patient comments:

***"The camera is a much more pleasant experience."***

***"It feels quicker than before".***

## Heavy Duty Workstation with PC, 24" Monitor and Temperature Screening Thermographic Turret Camera



Patent pending.