Ready to Restart!

Protective measures to prevent COVID-19 spread

15th June 2020
The resumption of air transport requires a clear framework of operational measures, applied uniformly at national, or even better at European/international level, on the one hand to ensure an adequate mitigation of the health risks involved in the future phase of managing the epidemic, but on the other hand to restore the minimum economic viability conditions of air transport.

The close collaboration between the Institutions in charge and the various players in the air transport chain, which began in Italy during the initial phase of the emergency, has ensured the definition and timely adoption of operational processes that are fundamental to fighting against the spread of the epidemic.

It is considered that a co-ordinated approach between Administrations and Industry should be preserved in all subsequent phases of post-crisis management.

In this scenario ADR is since the beginning strongly committed in:
— Providing safety and health protection for airline & airport staff
— Creating confidence for passengers in order to travel safe again
— Ensuring and complying with the most important requirements for health & behavior, such as shielding equipment and social distancing

The following is a description of the measures that have been implemented and that can be remodelled and integrated in view of further in-depth studies that are currently underway.
1. THERMAL SCANNER
2. SANIFICATION
3. SIGNAGE – SOCIAL DISTANCING
4. PLEXIGLASS PROTECTION
5. WAITING AREA
6. RAILWAY – BUS STATION
7. CURBSIDE
8. RETAIL
Infrared thermal imaging body temperature screening system has been installed at FCO since February 5th as countermeasure to prevent the virus spreading.

The high technology allows a real-time face temperature detection capturing up to 16 face temperatures simultaneously.

### 1. THERMAL SCANNER

<table>
<thead>
<tr>
<th>Parameters:</th>
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<tbody>
<tr>
<td>1. Temperature measurement accuracy ≤0.3°C</td>
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<td>2. Temperature detection up to 16 face temperatures simultaneously</td>
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<td>3. Motion detection, disk alarm, temperature alarm</td>
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<td>4. Quick body temperature screening in ≤ 30 milliseconds</td>
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<td>5. Field of view ≤ 10 meters</td>
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<td>6. Sensitivity ≤ 40mK</td>
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<td>7. Temperature measurement range -20°C – 60°C</td>
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1. THERMAL SCANNER

Body temperature screening measurement

Body temperature conversion algorithm
A temperature conversion algorithm transforms face temperature into real body temperature.

Temperature algorithm correction
The temperature algorithm correction removes all environment, distance etc. alterations allowing the camera to work in a reliable way.

Temperature measurement accuracy ≤0.3°C
After the temperature correction the accuracy is ≤0.3°C (issuance, distance, environment temperature, etc.).

Alarms interface
2 alarms IN / 2 alarms OUT
Acoustic and bright signals can be activated when the alarm is ON.

Temperature alarm
If a detected temperature is beyond the pre-set threshold, an alarm signal is immediately generated.

Aeroporti di Roma
1. THERMAL SCANNER

The body temperature screening is performed under control of Ministry of Health by medical staff. Both arriving & departing passengers are involved.

83 THERMAL SCANNER
- Long distance, non contact
- Blackbody real-time calibration
- Large flow fast screening
1. THERMAL SCANNER

Smart Helmet: the portable Thermal scanner.

The device allows airport staff to monitor and measure the body temperature of passengers from a distance by walking in the airport.
The temperature is measured for passengers, airport staff and operators using the thermal scanners that have been installed in the dedicated entrances.

Dedicated doors for entry/exit from Terminal.
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2. SANIFICATION

Information pylons showing the list of health protective recommended measures are spread along the Terminal.

Hand sanitizer gel dispensers are available in all areas (public and non public zones).

MORE THAN 200 GEL DISPENSERS

HEALTH AND SAFETY
2. SANIFICATION

The Terminal sanitization is managed on a daily basis along the external platforms and inside the Terminal.
The treatment extends to continuous and accurate attention to the Terminal equipment such as baggage trolleys, trays at security and toilets.

2. SANIFICATION

Baggage trolleys
Trays at Security
Toilets
2. SANIFICATION

Hold baggage is sanitized before it is collected by the passenger:

1. an automatic device for the distribution of a sanitizing mist emanated when the baggage passes inside a tunnel has been tested and implemented, others are under construction;

2. waiting for construction completion, hold baggage on other belts are sanitized by spraying a specific product before being collected by passengers, providing appropriate communication.
2. SANIFICATION

Sanification of escalators and moving walkways.

The sanitization of the handrail of the escalators that connect the departure hall of Terminal 3 with the arrival hall, takes place through LED lamps that produce UV rays capable of instantly eradicating bacteria and viruses on the total contact area of the handrail.
Vending machines have been installed near the entrances to the departure hall of Terminal 3, equipped with a “sanitizing kit” which includes masks and sanitizing products.

The same “sanitizing kit” is sold in vending machines near exit for ground transportation (trains, buses and taxis) for passengers arriving at FCO and bound for Rome.
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3. SIGNAGE

On-site
Signage to inform and remind passengers of body temperature check, health and immigration rules, social distancing message.

PA announcement every 15’ during operational hours.

Staff briefed to monitor compliance with social distancing.

PASSENGER INFORMATION
3. SIGNAGE

App, Site, Video Making.

We have made a video whose goal will be to provide information, reassure passengers and at the same time ask everyone to contribute to the respect of the rules to protect their own health and that of others.

PASSENGER INFORMATION

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3. SIGNAGE

Social distancing message on Ledwall and FIDS (Flight Information Display Screen) at check-in, boarding area, Arrivals and Departures Hall.
3. SOCIAL DISTANCING

ENTRY / EXIT DEDICATED DOORS

- Fever Free Landside Area
- Thermal scanner
- Door closed

Terminal 3 - Departures

Terminal 3 - Arrivals
3. SOCIAL DISTANCING

Floor stickers applied for social distancing message at the security controls queueing area.
3. SOCIAL DISTANCING

Short term: floor signage implementation and plexi dividers positioning to maintain social distancing.

SECURITY CONTROLS
3. SOCIAL DISTANCING

Floor tape at Passport queuing area applied to remind passengers for social distancing.
3. SOCIAL DISTANCING

Walkable totems and stickers, use of check-in monitors to signal waiting positions and the need to keep the distance.

CHECK-IN COUNTER

Please

Stand here

YOUR SAFETY IS OUR PRIORITY

Distanza sociale Social distancing
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4. PLEXIGLASS PROTECTION
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4. PROTECTION SCREENS

Plexiglas protection screens at check-in, ticketing, information desks to enhance the social distancing.
4. PROTECTION SCREENS

Plexiglas protection screens at border controls to guarantee protection between both passengers and operators.
1. THERMAL SCANNER
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5. SEATING AREA

Seating area reduced with blocked seats to maintain the social minimum distance (leaving empty seats in between).
5. BAGGAGE RECLAIM HALL

Walkable and use of the ledwall to indicate the positions to be maintained on the ground.
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5. WAITING AREA
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7. CURBSIDE
8. RETAIL
6. RAILWAY AND CENTRAL BUS STATION

Stickers and totems at the beginning and end of the tapis roulant to remember the need to keep the distance.

MECHANIZED CONNECTIONS

YOUR SAFETY IS OUR PRIORITY

Please
Stand here

Distanza sociale
Social distancing
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7. CURBSIDE

Totems and panels placed outside the terminals.
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People counting and signage to remember social distancing.