

December 2nd, 2024**To who it may concern,**

Like additional support to the existing technical specifications brochures and user manual, we Gilardoni SpA, hereby confirm that our products **FEP ME 1000 DV** and **FEP ME 755 AMX** are compliant with the following features:

FEP ME 1000 DV (1 piece):

- the equipment is certified by STAC and ENAC
- the equipment complies with the requirements imposed by the European Commission regulations regarding this type of equipment provided in point. 12.5 and 12.7 of the Annex to Regulation (EU) 2015/1998 and point 12.3, 12.5 and 12.7 of the Annex to Decision C (2015)8005 of the Commission.
- the equipment is designed (intended for use) to provide security screening of oversized/unusual checked baggage, airport/onboard supplies, mail and air carrier materials
- the equipment has the possibility of storing at least 100,000 images of scanned luggage at the same quality as the visual image; the possibility of saving images in PNG format on external memory media (USB stick, external hard disk, etc.).
- the equipment has capabilities and possibilities to allow logging and individualization of access accounts for a minimum of 150 users.
- the equipment complies with the requirements imposed by the European Commission regulations regarding this type of equipment provided in point. 12.3, 12.5 of the Annex to Regulation (EU) 2015/1998 and point 12.3, 12.5 of the Annex to Decision C (2015)8005 of the Commission
- the equipment can be powered from 230 V AC, $\pm 15\%$, 50/60 Hz
- the equipment's protection against variations in the supply voltage will be provided by means of equipment with the function of automatic voltage stabilizer type UPS online double conversion. This UPS is sized to power the entire equipment until it is safely shut down.
- the equipment's workstation will have the following facilities:
 - Monitor (with the following minimum performances: LED technology, diagonal 24", minimum resolution 1920x1080 pixels) = 2 pcs.
 - Radioscopic image processing console = 1 pc
- the equipment is provided with the TIP (Threat Image Projection) system for projecting virtual images of dangerous items, which complies with the requirements imposed by the European Commission's regulations regarding the TIP systems provided for in point 12.5. from the Annex to Regulation (EU) 2015/1998, with subsequent amendments and additions and point 12.5 of the Annex to Decision C (2015)8005 of the Commission, with subsequent amendments and additions.
- the supply of X-ray equipment model FEP ME 1000 DV includes an EU-approved TIP library (minimum 1200 FTI TIP images). The TIP library is the latest available version (revision). The software is ready to connect to the TIP server. The Offeror /Supplier will provide, for the entire duration of the warranty period, the annual update of the TIP library.

GILARDONI S.p.A. a Socio Unico

Headquarters: Piazzale Luigi Cadorna n.2, 20123 Milano, Italy

Head office and facilities: Via Arturo Gilardoni n.1, 23826 Mandello del Lario, Italy +39 0341 705.111 gx@gilardoni.it - www.gilardoni.it

C.F. e P.IVA 00734000151

Research Laboratories recognized "Highly Qualified" with decree D.M. 9.10.1985 - L. 46/82 art.4
Company certified ISO 9001 ISO 13485

- the software allows the management of TIP categories. Categories can be added or removed in the annual upgrade, and the percentage for each category can be adjusted. Percentage by category refers to the selection of objects by category in the library and does not affect the TIP library itself. To justify this requirement, we provided the Offeror/Supplier with an extract from the proper manufacturer's manual.
- the TIP system is able to store the results regarding the reactions of each individual operator for at least 12 months.
- the inspection tunnel of the equipment is equipped with optical barriers
- the equipment can provide the negating of black and white images
- the detection function of explosive substances, drugs is provided with the help of the ADS software function (*that is offered/supplied with the equipment*), and detection of the high density objects is provided with the help of the standard Density Alert function (*that is offered/supplied with the equipment*)
- if the conveyor belt is stopped, while the luggage is in front of the X-ray beam, the scanning procedure does not have to be restarted by rescanning the entire luggage, the scanned image of the luggage is not affected/modified/cut
- the image processing facilities act simultaneously on both viewing angles
- all image processing facilities are available to the operator and act on the radioscopic image without the need to stop the conveyor belt
- it will be provided an ECAC Standard Test Piece EWSTP
- the equipment can provide the automatic image archiving
- the equipment will be provided with a spare parts kit. The spare parts kit of the equipment will contain at least:
 - 1 x-ray generator;
 - 1 power source for the X-ray generator (if available);
 - 1 controller for the X-ray generator (if available);
 - 1 power source with diode matrix;
 - 1 conveyor belt;
 - 1 complete set of rubber curtains filled with metal (entrance and exit from the tunnel);
 - 1 conveyor motor;
 - 1 conveyor roller;
 - 1 control panel.

GILARDONI S.p.A. a Socio Unico

Headquarters: Piazzale Luigi Cadorna n.2, 20123 Milano, Italy

Head office and facilities: Via Arturo Gilardoni n.1, 23826 Mandello del Lario, Italy +39 0341 705.111 gx@gilardoni.it - www.gilardoni.it

C.F. e P.IVA 00734000151

Research Laboratories recognized "Highly Qualified" with decree D.M. 9.10.1985 - L. 46/82 art.4

Company certified ISO 9001 ISO 13485

FEP ME 755 AMX (3 pieces):

- the equipment is certified by ENAC.
- the equipment complies with the requirements imposed by the European Commission regulations regarding this type of equipment provided in point. 12.5 and 12.7 of the Annex to Regulation (EU) 2015/1998 and point 12.3, 12.5 and 12.7 of the Annex to Decision C (2015)8005 of the Commission.
- the equipment is designed (intended for use) to provide security screening of oversized/unusual checked baggage, airport/onboard supplies, mail and air carrier materials
- the equipment has the possibility of storing at least 100,000 images of scanned luggage at the same quality as the visual image; the possibility of saving images in PNG format on external memory media (USB stick, external hard disk, etc.).
- the equipment has capabilities and possibilities to allow logging and individualization of access accounts for a minimum of 150 users.
- the equipment complies with the requirements imposed by the European Commission regulations regarding this type of equipment provided in point. 12.3, 12.5 of the Annex to Regulation (EU) 2015/1998 and point 12.3, 12.5 of the Annex to Decision C (2015)8005 of the Commission
- the equipment can be powered from 230 V AC, $\pm 15\%$, 50/60 Hz
- the equipment's protection against variations in the supply voltage will be provided by means of equipment with the function of automatic voltage stabilizer type UPS online double conversion. This UPS is sized to power the entire equipment until it is safely shut down.
- the equipment's workstation will have the following facilities:
 - Monitor (with the following minimum performances: LED technology, diagonal 24", minimum resolution 1920x1080 pixels) = 2 pcs.
 - Radioscopic image processing console = 1 pc
- the equipment is provided with the TIP (Threat Image Projection) system for projecting virtual images of dangerous items, which complies with the requirements imposed by the European Commission's regulations regarding the TIP systems provided for in point 12.5. from the Annex to Regulation (EU) 2015/1998, with subsequent amendments and additions and point 12.5 of the Annex to Decision C (2015)8005 of the Commission, with subsequent amendments and additions.
- the supply of X-ray equipment model FEP ME 755 AMX includes an EU-approved TIP library (minimum 1200 FTI TIP images). The TIP library is the latest available version (revision). The software is ready to connect to the TIP server. The Offeror /Supplier will provide, for the entire duration of the warranty period, the annual update of the TIP library.
- the software allows the management of TIP categories. Categories can be added or removed in the annual upgrade, and the percentage for each category can be adjusted. Percentage by category refers to the selection of objects by category in the library and does not affect the TIP library itself. To justify this requirement, we provided the Offeror/Supplier with an extract from the proper manufacturer's manual.
- the TIP system is able to store the results regarding the reactions of each individual operator for at least 12 months.

GILARDONI S.p.A. a Socio Unico

Headquarters: Piazzale Luigi Cadorna n.2, 20123 Milano, Italy

Head office and facilities: Via Arturo Gilardoni n.1, 23826 Mandello del Lario, Italy +39 0341 705.111 gx@gilardoni.it - www.gilardoni.it

C.F. e P.IVA 00734000151

Research Laboratories recognized "Highly Qualified" with decree D.M. 9.10.1985 - L. 46/82 art.4
Company certified ISO 9001 ISO 13485

- the equipment has two X-ray generators with an anode operating voltage of 160 KV each, set to operate at a voltage of 150 KV, which respects all the quality parameters required for radiographic images
- the inspection tunnel of the equipment is equipped with optical barriers
- the equipment has the possibility of automatic and optimal enlargement of the baggage image on the entire monitor screen by pressing a combination of 2-3 keys simultaneously; This can be done by means of any of the 3 buttons (PROG 1, PROG 2 and PROG 3) which can be programmed and assigned various optimal zoom options and processing filters, so that, by simply pressing these buttons, on the screen are automatically displayed the desired optimal size of the scanned baggage image, or the desired optimal size + various additional image processing filters that the operator prefers.
- the equipment can provide the negating of black and white images
- the detection function of explosive substances, drugs is provided with the help of the ADS software function (*that is offered/supplied with the equipment*), and detection of the high density objects is provided with the help of the standard Density Alert function (*that is offered/supplied with the equipment*)
- if the conveyor belt is stopped, while the luggage is in front of the X-ray beam, the scanning procedure does not have to be restarted by rescanning the entire luggage, the scanned image of the luggage is not affected/modified/cut
- the image processing facilities act simultaneously on both viewing angles
- all image processing facilities are available to the operator and act on the radiosopic image without the need to stop the conveyor belt
- it will be provided an ECAC Standard Test Piece EWSTP
- the equipment can provide the automatic image archiving
- the equipment will be provided with a spare parts kit. The spare parts kit of the equipment will contain at least:
 - 1 x-ray generator;
 - 1 power source for the X-ray generator (if available);
 - 1 controller for the X-ray generator (if available);
 - 1 power source with diode matrix;
 - 1 conveyor belt;
 - 1 complete set of rubber curtains filled with metal (entrance and exit from the tunnel);
 - 1 conveyor motor;
 - 1 conveyor roller;
 - 1 control panel.



GILARDONI S.p.A. a Socio Unico

Headquarters: Piazzale Luigi Cadorna n.2, 20123 Milano, Italy

Head office and facilities: Via Arturo Gilardoni n.1, 23826 Mandello del Lario, Italy +39 0341 705.111 gx@gilardoni.it - www.gilardoni.it

C.F. e P.IVA 00734000151

Research Laboratories recognized "Highly Qualified" with decree D.M. 9.10.1985 - L. 46/82 art.4

Company certified ISO 9001 ISO 13485