

October 2nd, 2023**To who it may concern,**

Like additional support to the existing technical specifications brochures and user manual, we Gilardoni SpA, hereby confirm that our product **FEP ME 1000 HC DV**, and **FEP ME 640 AMX** are compliant with the following features:

FEP ME 1000 HC DV (1 piece):

- the equipment is certified by STAC and ENAC
- the equipment allows simultaneous use with the BHS baggage handling system (made by Vanderlande)
- the equipment is provided with an automatic archive of checked baggage
- the equipment is provided with a manual archive of checked baggage
- the equipment can be provided with an interface with the baggage handling system
- the operator's interface can be installed at 15m distance from the equipment
- the spare parts kit of the equipment will contain at least:
 - ☐ 1 x-ray generator;
 - ☐ 1 power source for the X-ray generator (if it is accepted);
 - ☐ 1 power source for diode matrix;
 - ☐ 1 conveyor belt;
 - ☐ 1 set of rubber curtains filled with metal (entrance and exit) of the barrel);
 - ☐ 1 conveyor roller;
 - ☐ 1 conveyor roller;
 - ☐ 1 control panel.
- the equipment will have a TIP library (minimum 1000 FTI TIP images for each type of equipment) that will be approved by EU authorised institutions
- the delivered TIP library will be the latest available version (revision)
- the equipment's software will be prepared to be connected to the TIP server
- the equipment can provide the following image performances:
 - ☐ The image displayed on the screen allows the operator to see a tinned copper wire, uninsulated, with a diameter of 0.254 mm, mounted on polymethyl methacrylate;

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

Company certified ISO 9001 ISO 13485

GQ118 rev.12



- ☐ The image displayed on the screen allows the operator to see a 0.5105 mm diameter uninsulated tinned copper wire behind 11.1 mm of aluminum;
- ☐ The image displayed on the screen allows the operator to see 2.0 mm thick copper sheet gratings (2.0 mm slots per 4.0 mm pitch) with slots parallel and perpendicular to the belt travel direction;
- ☐ The image displayed on the screen allows the operator to see 0.10 mm thick steel sheet;
- ☐ The image displayed on the screen allows the operator to see a 1.5 mm thick lead bar behind 26 mm of steel;
- ☐ The equipment differentiates between inorganic and organic materials by displaying them in different colours

- the equipment's technical parameters corresponds at least to those regulated by ECAC Doc. 30 for conventional X-ray equipment

- the equipment will be delivered with 2 ECAC standard test pieces (STP)

- the equipment is included in the ICAO "AVSECPAEDIA MASTER EQUIPMENT LIST" in the checked/hand luggage equipment section

FEP ME 640 AMX (3 pieces):

- the equipment is certified by ENAC:

- if the beneficiary will want in future to upgrade the equipment, it can buy the necessary software so that the equipment can be provided with ECAC standards EDSCB C1 or / and LEDS type C standard 2

- the equipment is provided with an automatic archive of scanned baggage

- the equipment is provided with a manual archive of scanned baggage

- the spare parts kit of the equipment will contain at least:

- ☐ 1 x-ray generator;
- ☐ 1 power source for the X-ray generator (if it is accepted);
- ☐ 1 power source for diode matrix;
- ☐ 1 conveyor belt;
- ☐ 1 set of rubber curtains filled with metal (entrance and exit) of the barrel);
- ☐ 1 conveyor roller;
- ☐ 1 conveyor roller;
- ☐ 1 control panel.

- the delivered equipment will be provided with:

- ☐ workstation
- ☐ table
- ☐ 1 (one) module of roller table at the entrance in the scanning tunnel



- ☐ 2 (two) modules of roller table at the exit from the scanning tunnel
- the equipment will have a TIP library (minimum 1000 FTI TIP images for each type of equipment) that will be approved by EU authorised institutions
- the delivered TIP library will be the latest available version (revision)
- the equipment's software will be prepared to be connected to the TIP server
- the equipment can provide the following image performances:
 - ☐ The image displayed on the screen allows the operator to see a tinned copper wire, uninsulated, with a diameter of 0.254 mm, mounted on polymethyl methacrylate;
 - ☐ The image displayed on the screen allows the operator to see a 0.5105 mm diameter uninsulated tinned copper wire behind 11.1 mm of aluminum;
 - ☐ The image displayed on the screen allows the operator to see 2.0 mm thick copper sheet gratings (2.0 mm slots per 4.0 mm pitch) with slots parallel and perpendicular to the belt travel direction;
 - ☐ The image displayed on the screen allows the operator to see 0.10 mm thick steel sheet;
 - ☐ The image displayed on the screen allows the operator to see a 1.5 mm thick lead bar behind 26 mm of steel;
 - ☐ The equipment differentiates between inorganic and organic materials by displaying them in different colours
- the equipment's technical parameters corresponds at least to those regulated by ECAC Doc. 30 for conventional X-ray equipment
- the equipment will be delivered with 2 ECAC standard test pieces (STP)
- the equipment is included in the ICAO "AVSECPAEDIA MASTER EQUIPMENT LIST" in the checked/hand luggage equipment section

Your sincerely,

Andrea Palermo

