



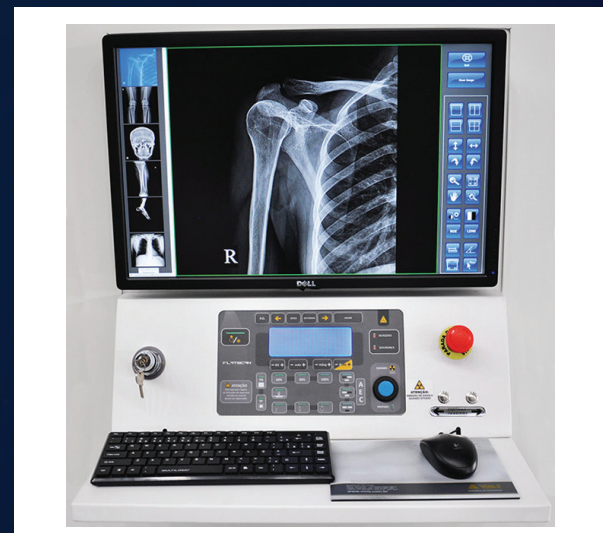
SPECTRUM FLATSCAN

**Portable and self-sufficient
X-ray system that does not require
a barite shielding room.**

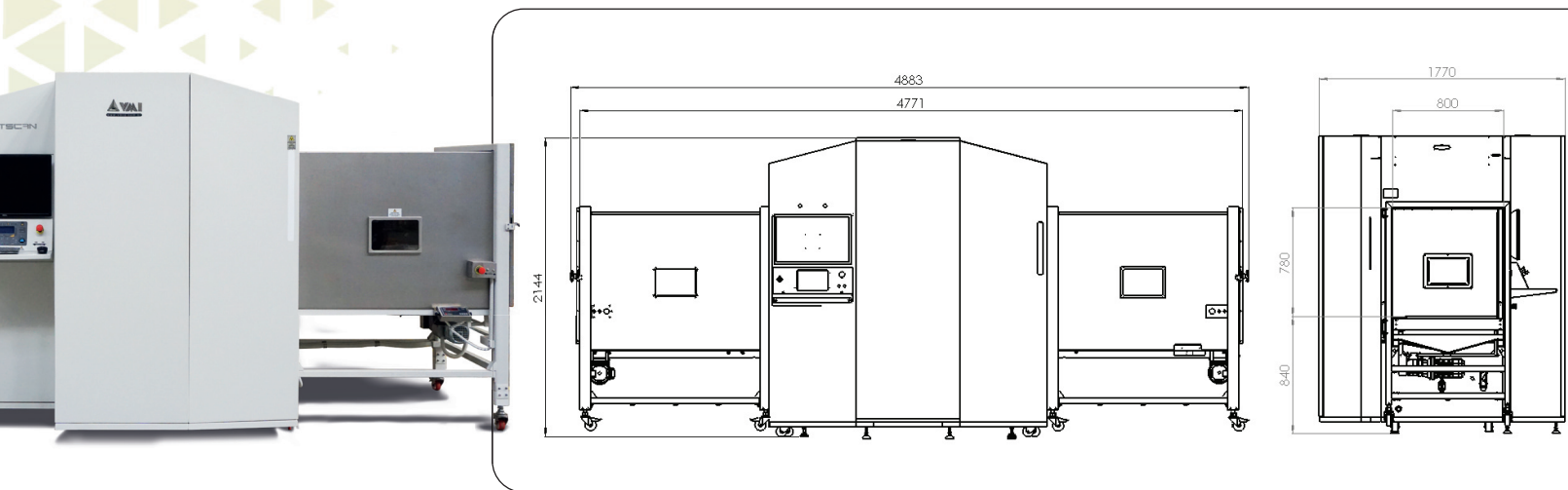
The Flatscan DF-80 DV is a full-body digital x-ray system, designed specifically for forensic analysis. The equipment has completely digital technology, using a high performance X-ray generator with dose control, thus optimizing the level of exposure necessary for each part of the body inspected. This portable system is self-contained and does not require a special X-ray room to operate.

INTEGRATED SCALE

ONVIF COMPATIBILITY



SPECTRUM FLATSCAN DV



GENERAL DATA

- Tunnel dimensions:
800mm/ 780mm | 31.5"/ 30.7"
- Dimensions:
4883(L) x 1770(W) x 2144(H) [mm]
192.2" (L) x 69.7" (W) x 84.4" (H)
- Weight:
3000kg | 6613.9lbs
- Roller table height:
840mm | 33.1" adjustable
- Maximum load:
250kg | 551.2lbs
- Temperature (humidity) / storage:
-15°C to 55°C / 10% to 90%
(non-condensing)
- Temperature (humidity) / operation:
10°C to 35°C / 30% to 85%
(non-condensing)

GENERAL SPECIFICATIONS

- Detector Panel:
Digital Flat-panel X-ray Detector
- Energy Conversion:
Direct conversion
- Pixel dimension:
140µm
- Contrast sensitivity:
14 bits
- Resolution:
3072 x 3072
- Image acquisition time:
4.5 seconds after exposure to X-rays
- X-ray voltage:
40 to 125kV
- Tube Current:
20 to 320mA
- X-ray tube:
High resolution with rotating anode
- Main monitor:
High resolution, widescreen, 24"
- Main Monitor Resolution:
1920 x 1200
- Remote Monitor:
High resolution, widescreen, 42"
- Mains supply:
220VAC (+/- 10%); 50/60Hz
- Power:
5kVA

OPERATING CHARACTERISTICS

- Export of images in DICOM, BMP format via USB and network connection;
- Self-diagnosis function, for easy maintenance;
- Operation console near the equipment with access password;
- Visual signaling to the public, during the emission of X-rays;
- Digital zoom through the image processing software;
- Automatic adjustment of image brightness and contrast;
- Measurement of dimension and angle of objects in the image;
- Integrated digital scale for weighing the body;
- Removable roller table, facilitating hygiene;
- Tube movements, detector and body structure controlled by software.
- Equipment with an exclusive automatic positioning system controlled by the software allows AP and lateral image acquisition without any body movement.

The Flatscan DF80 DV is a revolutionary equipment for applications to help generate expert reports through high definition images, allowing the Scientific Police and IMLs to be more dynamic and accurate in identifying the cause of death. The formation of images occurs through the high-quality Digital Flat Panel technology resolution, generating images with a wealth of details that helps the process of generating reports. This equipment has an inspection tunnel with X-ray shielding, providing safe operation for the operator and eliminating the construction of a barium room, thus reducing the cost and installation space.



LEGAL NOTICE:
VMI SECURITY RESERVES THE EXCLUSIVE RIGHT TO
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