

40 AND 100 kHz - 3 MODELS



COMPACT 4003

40 kHz - 110 kV - 3.3 kW
STATIONARY ANODE TUBE, 12°, FOCUS 1,5 MM, 3,3 kW, 110 kV
MAXIMUM CURRENTS AND MAS: 70 mA/320 MAS
MAXIMUM A/C ABSORPTION: 16 A
WEIGHT 236 KG

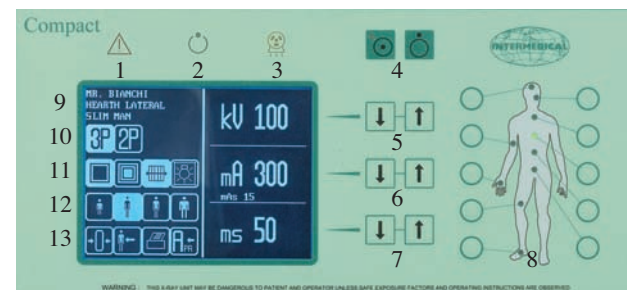
COMPACT 4006

40 kHz - 120 kV - 6 kW
ROTATING ANODE TUBE, 15°, FOCI 0,6 - 1,3 MM, 2,4 - 6 kW, 120 kV
MAXIMUM CURRENTS AND MAS: 150 mA/320 MAS
MAXIMUM A/C ABSORPTION: 32 A
WEIGHT 244 KG

COMPACT 100 - 30

100 kHz - 125 kV - 30 kW
ROTATING ANODE TUBE, 15°, FOCI 0,6 - 1,3 MM, 7,5 - 30 kW, 125 kV
MAXIMUM CURRENTS AND MAS: 425 mA/200 MAS
MAXIMUM A/C ABSORPTION: 12 A
WEIGHT 274 KG

New Touch-screen Console (OPTIONAL)

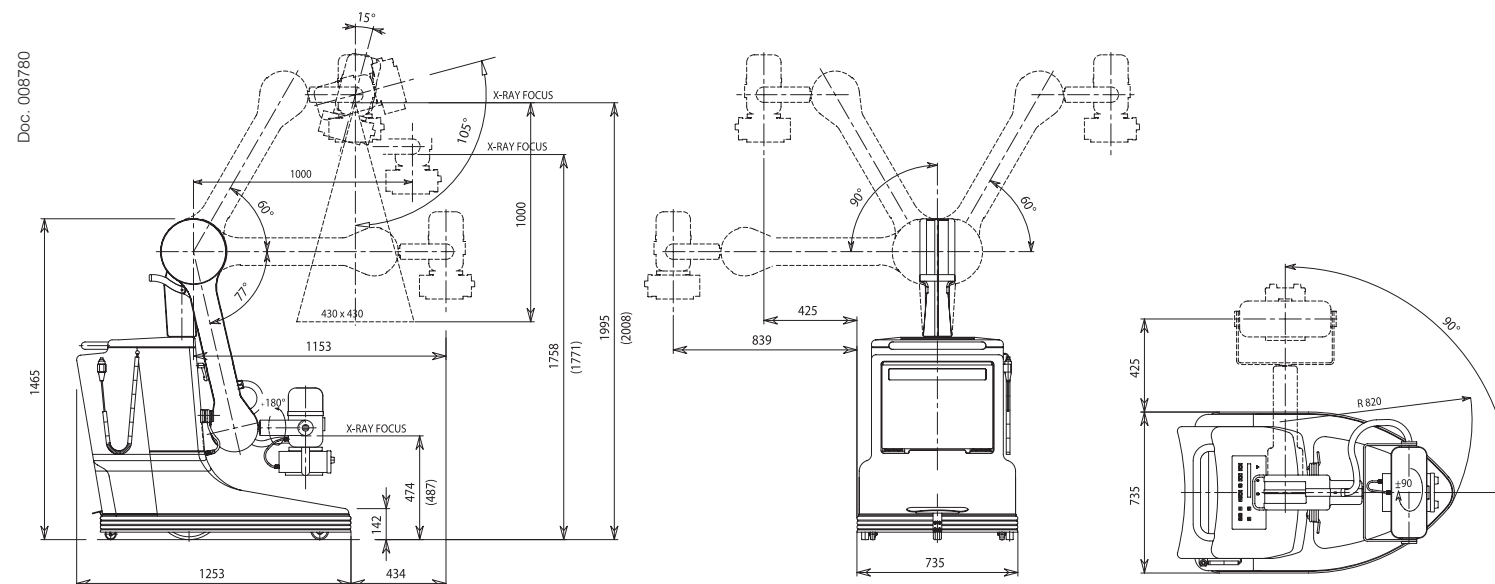


- 1) ALARMS (RED LAMP)
- 2) READY FOR X-RAY AFTER PREPARATION (GREEN LAMP)
- 3) X-RAY EXPOSURE (YELLOW LAMP)
- 4) UNIT ON AND OFF
- 5) KV INCREASE AND DECREASE
- 6) mA/MAS INCREASE AND DECREASE
- 7) EXPOSURE TIME INCREASE AND DECREASE
- 8) SELECTION OF ONE OF THE 10 ANATOMICAL PARTS
- 9) INDICATION OF THE PATIENT NAME, ANATOMICAL PARTS AND TYPE OF SELECTED PATIENT
- 10) 2 OR 3 POINT X-RAY SELECTED TECHNIQUE
- 11) FOCI SELECTION, POTTER-BUCKY ON/OFF, COLLIMATOR LAMP ON
- 12) PATIENT SELECTION, CHILDREN OR ADULTS, LITTLE, NORMAL OR BIG
- 13) RESET DOSE, ENTER IN THE DATA BASE OR ADD A NEW PATIENT, PRINT THE PATIENT DATA, ENTER IN ANATOMICAL PROGRAM TO CHANGE PARAMETERS OR REPLACE WITH A NEW PROGRAM

Touch screen console main features:

- 1200 PROGRAMMABLE ANATOMICAL TECHNIQUES
 - ALPHANUMERIC KEYBOARD IN THE TOUCH SCREEN
 - RADIOGRAPHIC TECHNIQUE AT 2 OR 3 POINTS
 - PATIENTS' DATA BASE WITH RADIOGRAPHIC PARAMETERS AND DOSE
 - OPTIONAL: D.A.P. SYSTEM AND THERMAL PRINTER (JUST WITH T.SCREEN)
 - 500 MEMORIZABLE EXAMS
- ONLY WITH TOUCH SCREEN YOU CAN HAVE 4003 MODEL WITH 4 KW AND 100-30 MODEL WITH 32 KW.

The unit is in compliance with CE Standard. The applicable accorded Standards are:
IEC 601-1, IEC 601-1/A1, IEC 601-1/A2, IEC 601-1/A11/A12, IEC 601-2-7 ED. 2, IEC 601-1-2, IEC 601-1-3



The values listed between brackets refer to the 3,3kW model (S.A.)



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Compact



The mobile unit is equipped with big diameter wheels to facilitate its moving. Slopes till 10° may be easily faced. In emergency, the braking system allows to leave the unit in any position it is.

Handling, versatility, design, practicalness, simplicity, power, safety and technology are the features letting the “COMPACT” X-ray mobile unit be one of the most appreciated and advanced unit, present nowadays into the international market.

In the 100 kHz version, 30 kW power, with a maximum a/c absorption of 12 A only, it represents the best available nowadays to make any X-ray exams in emergency rooms or in hospital rooms even with a normal 230 V single phase electric mains (115 V on request).



LCD Display standard version: two points technique (kV-mAs), programmed anatomical technique (40 storage programs), control panel with liquid crystals display for radiographic data and messages.

Touch screen version: two points technique (kV-mAs), or three points (kV-mA-sec), 1200 programmable anatomical technique, patients' data base with radiographic parameters and dose (D.A.P.) Electronics with micro-processor is the prerogative for the maximum facility using and for the maximum time reliability.



A proper pedal, located at the base of the unit, and a handle, located on the column, facilitate the tilting of the unit to overpass the obstacles during the transport, like the step of a passage or of a lift. A rubber protection protects the whole unit from collisions, assuring the integrity of the X-ray generator assembly, which during the transport re-enters completely into the base structure.

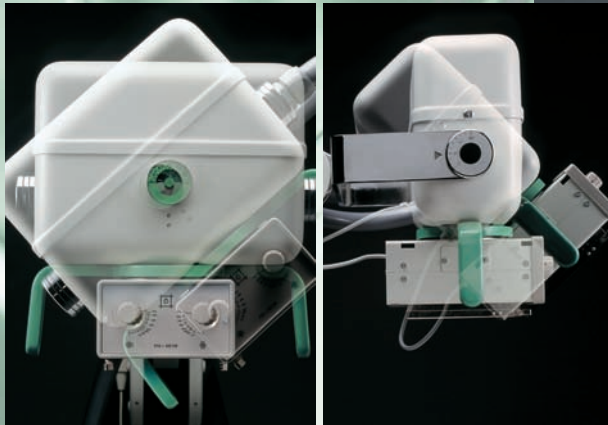
The Compact unit, in all its versions, may be equipped, on request, with patient dose monitoring. The dose, absorbed by the patient, is indicated on the display, integrated in the device put under the collimator.



The Compact unit, in all its versions, may be equipped, on request, with a printer for the written certification of the dose applied to the patient and visualized on the display of the measure device located on the collimator.



A comfortable handle facilitates the push of the unit and its positioning. The braking system is a “dead-man” type and blocks the unit in any position, just releasing the handle.



The lateral rotation of ± 180° and the frontal one of - 15° + 105° allow the X-ray generator assembly all the needed positions, for the different emergency and ward exams.



The cassette-holder is not visible. A simple manual pressure in the middle part of the holder, allows its automatic opening. It may hold X-ray cassettes for a maximum format of 35x43.



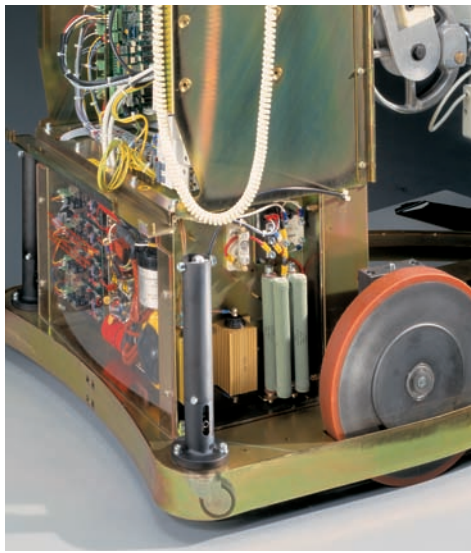
- 1) kV INCREASE AND DECREASE
- 2) mAs INCREASE AND DECREASE
- 3) FOCI SELECTION (HP-LP)
- 4) STORED EXAMS SEARCH FOR ANATOMICAL TECHNIQUE
- 5) ANATOMICAL TECHNICAL SELECTION
- 6) COLLIMATOR LIGHT ACTIVATION
- 7) UNIT ON AND OFF
- 8) DATA STORAGE FOR ANATOMICAL TECHNIQUE
- 9) POTTER-BUCKY SELECTION
- 10) X-RAY EXPOSURE
- 11) READY FOR X-RAY
- 12) CAPACITORS CHARGE WAITING-ALARMS
- 13) DATA AND MESSAGES DISPLAY



Any emergency examination on patients with trauma is possible thanks to the infinite positions the mobile unit may offer. The X-ray generator assembly is equipped with goniometer, lighting centring with timer, winding meter, slides for the insertion of the filters and double handle for its positioning.



The arm holding the generator, may be rotated of 180° (90° + 90°) with the maximum stability and safety even if the unit is located on a 5° inclined plane, as foreseen by the standards. An exclusive anti-tilting system with independent suspensions allows the maximum unit stability even in presence of irregularities in the floor.



The two suspensions adapt and block themselves as soon as the rotation of the generator holding arm starts. The coverings of the unit are realised in anti-scratch “ABS”. The unit may be completely, easily, undressed and dressed in a few minutes. This allows the access to all the mechanical and electrical parts for the technical service.