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ISO 9001
ISO 14001
BUREAU VERITAS
Certification

DATA SHEETS

PORTABLE SYSTEM FOR RADIOGRAPHIC APLICATION

HOSPITAL OR EXTERNAL USE

TRANSPORTIX PLUS
TXL-PLUS8

The portable system TXL-PLUS8 is a completely integrated system, that combines a modern High Frequency X-ray Generator's Technology with and excellent flexibility for any clinic, emergency room, Intensive Care Unit, etc. In addition, it can be also used as a external mobile unit for emergency, rural locations and difficult access places. Main features

- Safe and easy operation
- Constant potential high frequency operating on single phase lines
- Radiographic operation from the X-Ray Unit Overlay Control Panel
- Tube protection circuitry prolongs Tube life and increases system performance.
- Equipped with closed loop control of X-Ray Tube current, kVp and filaments, which minimize potential errors and the need for readjustments
- Standard electric outlet operation from 100 to 240 VAC for 4 kW
- Single-Phase Line Automatic Regulation 220 / 240¦10% VAC (50 / 60Hz) for 8 kW.
- Automatic line voltage compensation due to closed loop operation of X-ray Tube current and kVp
- Heat Unit storage for the X-ray Tube.

CONFIGURATION:

- **High Frequency Generator 8 kW, 125 kVp, 100 mA, 250 mAs**
- **Trolley**
- **X-ray Tube, 40 KHU, 0.6-2.8 mm**
- **Manual Collimator**

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Distribuciones y Proyectos S.L

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CHARACTERISTICS:

- Console control integrated on the system with digital indicator of the selection for kVp and mAs parameters, large/small focus selection, light indicator and acoustic of the X-ray exposure. It also includes a magnetic thermal limitation switch
- Maximum Power nominal power 8 KW (@ 0,1s)
    - 125 kVp @ 64 mA
    - 100 kVp @ 80 mA
    - 80 kVp @ 100 mA
- Auto Diagnostic System with error code, to make easy maintenance
- Range of Kvp, from 40 to 125 (in 1 kVp steps)
- Kvp Accuracy ± (3% +1kV)
- Range of mA, from 5 to 100 mA, 5, 6.4, 8, 10, 12.5, 16, 20, 25, 32, 40, 50, 64, 80, 100
- Automatic selection of the mAs, In addition, it can be shown in the display pressing simultaneously any bottom, for focus or mAs selection
- Range of mAs, from 0.1 - 250 mAs (in 25% steps according to R'10 series)
- mAs Accuracy ±(5% + 0.1 mAs)
- Range of exposure times, from 0,001 to 10 seconds, Automatic selection of the mAs. It can be shown in the display pressing simultaneously any bottom, for focus or mAs selection. (in 25% steps)
- ms Accuracy ±(2% + 0.1 ms)
- Fix anode tube with double focus:
    - Small focus, 0.6 mm
    - Large focus, 2.8 mm
    - Anode Angle 14º
    - Anode Heat Capacity 76,000 H.U.
    - Total (tube+colimador) Inherent Filtration 2.9 mm Al @ 75 KVp
- Manual Collimator Centering Light Indicator. SID Measuring Tape
- Alimentation cable 6 m.
- X-Ray Manipulador Cable, 3 m.

AUTOMATIC LINE POWER DETECTION SYSTEM By means of this System, the Unit detects the maximum operative Power Line adapting the Exposure Parameters to the Power available and avoiding undesired line breakdowns when operating with poor electricity lines.

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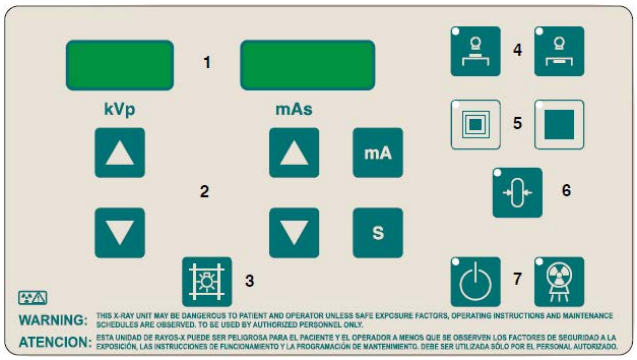
CONTROL PANEL IN MONOBLOCK HEAD

- All controls and displays on the Control Panel are positioned according to their function

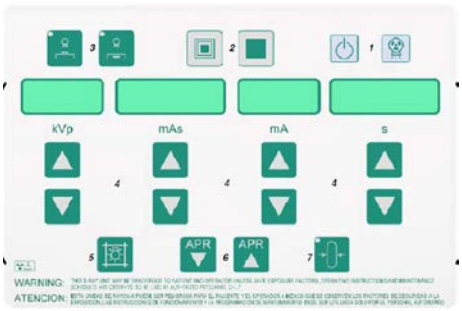
1. Radiographic Displays
2. RAD parameters
3. Collimator Light
4. Workstations
5. Focal Spots
6. Reset
7. Exposure Controls



OVERLAY CONSOLE
OPERATOR CONTROL CONSOLE IN THE TROLLEY

- All controls, indicators and displays located on the Overlay Console are functionally grouped. As well, this Console shows different menus (screens) according to the selected operations.

1. Exposure Indicators.
2. Focal Spot
3. Workstations
4. Radiographic Values
5. Collimator Lamp
6. APR Module
7. Reset



ANATOMICAL PROGRAMMER (APR) ON OVERLAY CONSOLE

- Once the APR button is pressed and no other button is pressed in a period of 5 seconds, the Unit goes back to standard mode.
- The Overlay includes an Automatic Programming with 20 editable positions. By means of this feature, the operator can edit and store up to 20 Radiographic Techniques. To select an APR technique:

1. Press any APR button, the text “APR MODE” appears in the display. Once released, the last selected APR position appears in the kVp and mAs display e.g: P01 SKUL.
2. Press and hold the Collimator Lamp Button to load the technique. The different displays show the selected technique.

- APR techniques can be modified without restriction and can be stored or not.

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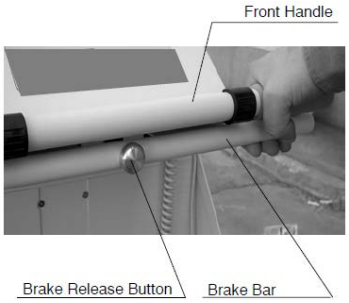
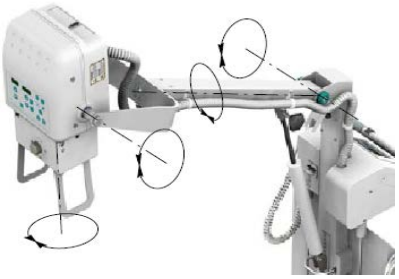
TROLLEY

- Mechanic blockers for the rear wheels; two possibilities of positioning the arm stand system for tube/generator/collimator
- The Unit is controlled by means of the Front Handle and the Brake Bar.
- The front SteeringWheels and the backmainWheels provide a comfortable driving as well as an easy positioning of the Unit
- Also, the Unit is provided with a Brake Release Button that keeps brakes released for longer distances.



- Mobile arm stand for the generator compensated with suspension of resorts, for a perfect counterbalance of the system
- The mobile arm may adopt the following positions:
    - Vertical movement of the Arm to lower or raise the Tube-Collimator
    - Assembly which is used to adjust the Vertical SID.
    - Rotation of the Power Module Support (360º).
    - Rotation of the Power Module with reference to its Support (360º that can be limited by the SID Guard and Harness).
    - Rotation of the Collimator with reference to the Power Module (± 90º).This movement has a detent every 90º



- Maximum focus-floor distance, with attached stand, 218 cm
- Minimum focus-floor distance, with attached stand, 39 cm
- Maximum dimensions of the system: 238x159x61.9 cm
- Minimum dimensions of the system: 138x60.6x61.9 cm
- Weight 61 Kg.