



# moviplan iC TF/TA

Radiographic bucky table, column with LCD interface

## Product Data

### Table

Tabletop dimensions	2300 x 850 mm
Radio transparent area	2190 x 658 mm
Tabletop surface	Flat, totally smooth without raised edges
Material	Plastic laminate (standard) Carbon fiber (option)
Filtration	Plastic: $\leq 0.9$ mm Al @ 100 kVp, HVL = 3.6 mm Al Carbon fiber: $\leq 0.5$ mm Al @ 100 kVp, HVL = 3.6 mm Al
Longitudinal tabletop movement	Manual (floating), 1200 mm ( $\pm 600$ mm)
Transversal tabletop movement	Manual (floating), 260 mm ( $\pm 130$ mm)
Height from ground	800 mm for fixed height table (TF) 460 ÷ 850 mm for elevating table (TA). Run 390 mm
Max patient weight	375 kg max static weight with centered tabletop. Limit for elevator (TA): 250 kg
Table weight	480 kg

### Bucky

Predisposition	Film cassettes, portable flat panel detectors, fixed flat panel detectors
Type	- Standard bucky for film cassettes - Rotating bucky for portable detectors in option - Bucky for fixed detectors in option
Cassettes size	From 13x18 cm to 35x43 cm. (up to 43x43 cm for portable digital detectors)
Longitudinal movement	Manual, run 560 mm. Motorized, run 540 mm. For optional rotating bucky: run 530 mm (manual and motorized)
Cassette centering	Semi-automatic
AEC measuring chamber	Predisposed for 3 fields measuring chamber
Skin to film distance	68 mm
Grid (other models on request)	- On standard bucky: R12, F = 110 cm, 40 L/cm - On rotating bucky: R12, F = 110 cm, 40 L/cm - On bucky for fixed detector: R10, F = 120 cm, 34 L/cm
Grid functions	Oscillating, not removable on standard bucky. Stationary, removable on rotating bucky. Oscillating, removable on bucky for fixed flat panel detector.



## Column

Longitudinal column movement	Manual, run 2110 mm. Motorized movement in option
Tube arm vertical movement	Manual, run 1700 mm Motorized in the configuration with vertical Auto-tracking function
Tube arm transversal movement	Manual, run 250 mm
Column rotation around its axis	Manual, $\pm 90^\circ$
Tube-arm rotation	Manual, $\pm 180^\circ$ rotation
Focus to Floor distance	335 ÷ 2035 mm (might change depending on tube type)
Column installation	Floor mounted rails (no wall or ceiling attachment necessary)
Column weight	185 kg

## Functions

Predisposition for x-ray tube	Any type with weight up to 25 kg
Position of controls	Keyboard with alphanumeric LCD display mounted on the tube head.
LCD interface	4" LCD display showing: Source to Image (SID) distance, tube rotation angle, grid focalization, active auto-tracking function
Tabletop movements unlocking	With photocell at floor level to unlock floating tabletop and elevator movements. A switch lever allows to select the 2-way or 4-way movement of the floating tabletop
Movements locking	With electromagnetic and permanent magnet brakes
Projections	<ul style="list-style-type: none"> <li>- Perpendicular on bucky</li> <li>- Oblique on bucky</li> <li>- Lateral (with optional accessories)</li> <li>- Off-table</li> <li>- On chest stand (optional)</li> </ul>
Horizontal/oblique auto-tracking	The table bucky automatically follows the column longitudinal movement and the tube rotation to keep the tube-receptor alignment
Optional functions (only for built-in order)	<ul style="list-style-type: none"> <li>- Anti-crushing system (only for TA table): pressure sensors located below the table-top structure measure the pressure variation during the table's vertical movement in both directions and stop the movement in presence of obstacles</li> <li>- Vertical auto-tracking: the tube automatically follows the vertical movement of the receptor to keep the tube-receptor alignment (with the chest stand) or the preset SID (with elevating table)</li> </ul>



## Collimator

Type	Manual or automatic according to selected configuration
Limitation	Square and rectangular with laser for bucky centering
Light source	LED lamp with timer
SID measurement	With retractable tape measure
Field coverage	48x48 cm @ SID=100 cm
Inherent filtration	2 mm Al eq. @ 100kVp, HVL=2.7 mm Al

## Accessories

Handle	1 handle as standard. Additional handle in option
Gynaecological legs support	Option
Compression band	Option
Lateral cassette support	Option
1 meter rail extension	Option

## Electrical features

	Table	Column (motorized)
Standard power supply voltage	Single phase 115/230 Vac $\pm 10\%$	Single phase 110-240 Vac $\pm 10\%$
Adsorbed current	1.3/0.6 A (fixed table) 8/3.6 A (elevating table)	0.95 A (110V) 0.5 A (240V)
Adsorbed power	144/136 VA (fixed table) 917/837 VA (elevating table)	109 VA 108 W (110V) 113 VA 110 W (240V)
Frequency	50-60 Hz	
Equipment type and classification (IEC 60601-1)	Class I with type B applied parts	
Degree of protection (IEC 60529)	IPX0	
Operating mode	Continuous	

## Environmental conditions

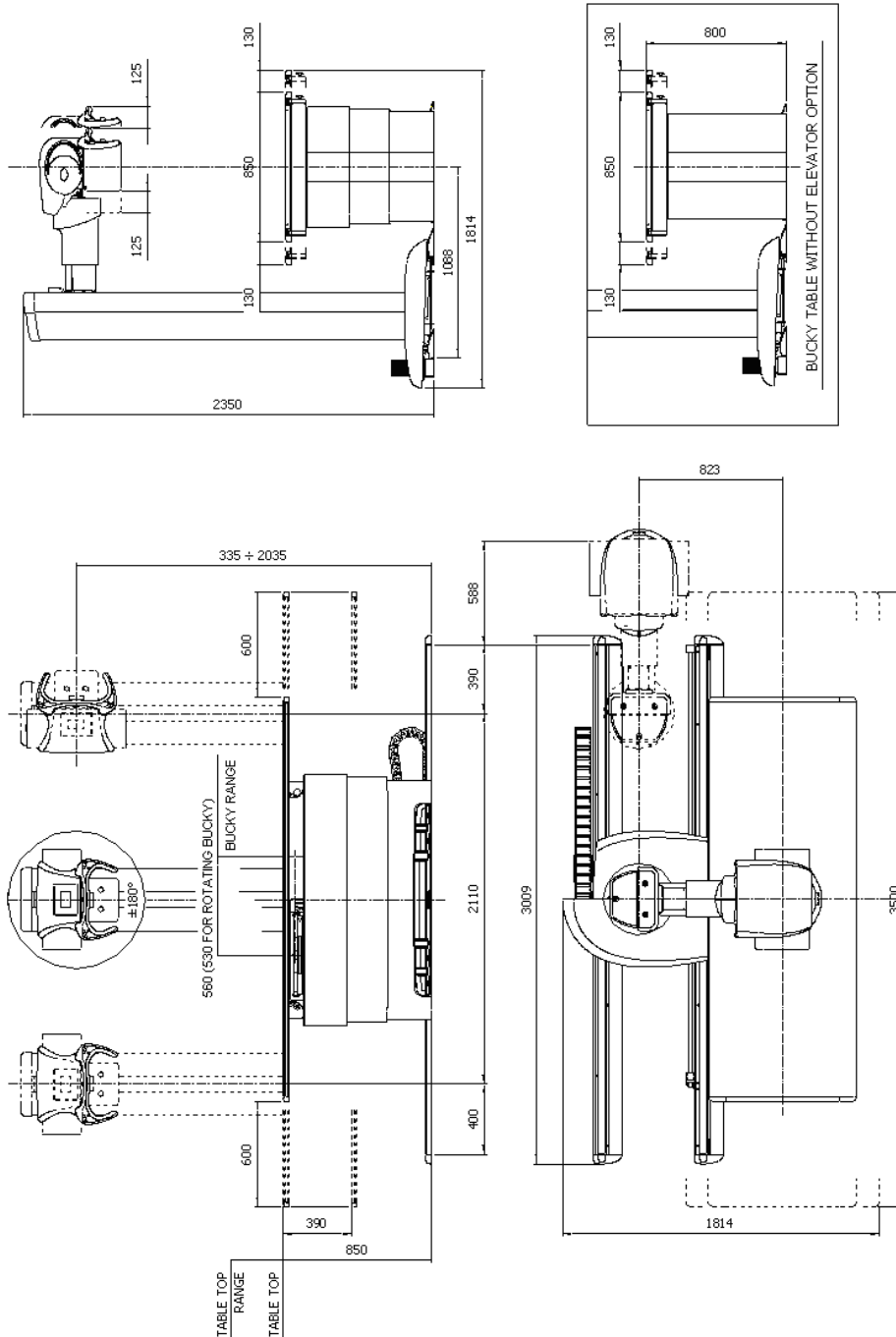
Operating conditions	Temperature:	+10° to +40° Celsius
	Humidity:	30% to 75%
	Pressure:	700 hPa to 1060 hPa
Conditions for transport and storage	Temperature:	-20° to +70° Celsius
	Humidity:	up to 95 % non condensing
	Pressure:	> 630 hPa

## Standards and regulation

	CE symbol grants the product compliance to the European Directive for Medical Devices 93/42/EEC and its revised versions
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## Dimensions (all quotes in mm)



**Note:** Products are continuously under review in the light of technical advancement. The actual specification may therefore be subject to improvement or modification without notice.

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ISO 9001:2015

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