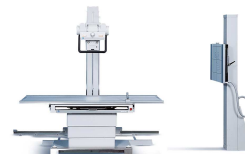


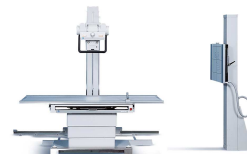
moviplan 800 BF-BA / TF-TA

Product Data

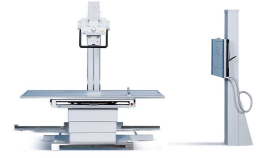
Type of device and classification in accordance with Standard IEC 60601-1	Class I with type B applied parts			
Type of device and classification	Class I			
Degree of protection in accordance with standard IEC 60529	IPX0			
Operating mode	Continuous			
Table mechanical characteristics	BF	BA	TF	TA
Weight	150 kg	180 kg	150 kg	180 kg
Maximum height	790 mm			
Total length with table top centered	2180 mm			
Total width with table top centered	770 mm			
Column stand weight	no		290 kg	
Column height	no		2400 mm	
Column width (base)	no		1070 mm	
Column depth (with arm extended)	no		1400 mm	
Max patient weight	200 kg	185 kg	200 kg	185 kg
Electrical characteristics	BF	BA	TF	TA
Voltage	230 Vac			
Frequency	50 Hz			
Maximum line current draw	0.6 A	2.8 A	0.5 A	2.8 A
Absorbed power	135 VA	644 VA	130 VA	644 VA
Device protection fuse	T 2 A 250 V	T 3 A 250 V	T 2 A 250 V	T 3 A 250 V
	6.3 x 32 100 A @ 250 V			
Potter protection fuse	0.2 A T			
Line impedance	< 1.0 Ω			



Movements	BF	BA	TF	TA
Manual longitudinal movement of the potter with electromagnetic braking	yes			
Manual longitudinal movement of the table top with electromagnetic braking	yes			
Manual transversal movement of the table top with electromagnetic braking	yes			
Motorised vertical movement of the table top (elevator) with pedal command	no	yes	no	yes
Manual vertical movement of the column tube carrier arm with electromagnetic braking	no		yes	
Manual transversal movement of the column tube carrier arm with electromagnetic braking and central mechanical block	no		yes	
Manual rotation movement of the column with mechanical stops	no		yes	
Manual rotation movement of the column tube carrier arm with electromagnetic braking	no		yes	
Movements dimensions	BF	BA	TF	TA
Potter longitudinal movement	540 mm			
Table top longitudinal movement	415 mm head side / 415 mm feet side (total run 830 mm)			
Table top transversal movement	126 mm internal / 126 mm external (total run 252 mm)			
Table top vertical movement (elevator) min. distance Table top-Floor	n.a.	460 mm	n.a.	460 mm
Table top vertical movement (elevator) max. distance Table top-Floor	n.a.	790 mm	n.a.	790 mm
Column longitudinal movement	n.a.		1710 mm	
Tube carrier arm vertical movement	n.a.		1470 mm	
Minimum focal spot-floor distance (in function of tube used)	n.a.		430 mm	
Maximum focal spot-floor distance (in function of tube used)	n.a.		1900 mm	
Maximum SID (in function of tube used)	n.a.		120 cm	152 cm



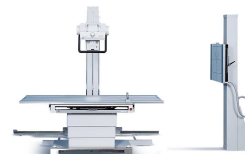
Tube carrier arm transversal movement	n.a.		190 mm	
Column rotation movement	n.a.		180° (± 90°)	
Tube carrier arm rotation movement	n.a.		360° (± 180°)	
Table top characteristics	BF	BA	TF	TA
Length	2180 mm			
Width	750 mm			
Surface	flat			
Material	laminated plastic			
Attenuation	< 1 mm Al eq @ 100 kVp, HVL 3.6 mm Al			
Potter Bucky	BF	BA	TF	TA
Accepted size (all kinds of devices)	from 13x18 cm to 43x43 cm (from 5"x7" to 17"x17")			
Cassette holder	self-centering, manual load			
X-rays-film centering	with light on manual collimator			
AEC camera	set for ionisation cameras and solid state			
Skin film distance	79 mm			
Grid movement	oscillating (synchronised with X-ray emission)			
Voltage for grid start	24 Vdc			
Standard grid	ratio 10:1 focal length 120 cm I/cm 34 other models available on request			
Features	BF	BA	TF	TA
Table top brake release	with photocell at floor level			
SID reading	n.a.		centimeter scale on column	
Controls positions	n.a.		on control panel	
Indicator of degrees of inclination of the tube carrier arm	n.a.		with goniometer	
Cassette centering	n.a.		with luminous spot on collimator	
Projections	n.a.		- orthogonal on potter - oblique on potter - lateral (with optional accessory) - off-table on Wall Bucky (if present) - off-table on mobile stretcher (if present)	



Accessories	BF	BA	TF	TA
Handles	1			
Leg rests for gynaecology examinations	Optional			
Compression band with band stretcher	Optional			
Cassette support for lateral projections	Optional			
Environmental conditions	BF	BA	TF	TA
Operating environmental conditions	Temperature: from +10° to +40° Celsius Humidity: from 30% to 75 % Pressure: from 700 hPa to 1060 hPa			
Environmental conditions for transportation and storage	Temperature: from -20° to +70° Celsius Humidity: ≤ 95% non condensing Pressure: > 630 hPa			
Collimator	BF	BA	TF	TA
Type	Manual with internal light source			
Limitation	Square and rectangular with light marker for bucky centering			
Light source	LED light with timer 160 lx @ SID = 100 cm			
Laser Light source (Optional)	Single laser, class 2			
SID measurement	With retractable tape measure			
Field coverage	Max 48x48 cm @ SID=100 cm			
Inherent filtration	≥ 0.5 mm Al eq. @ 100 kVp, HVL = 2.7 mm Al			
Leakage radiation	≤ 45 mR/hr @ 150 kVp, 350 W			

Standards and regulation

	CE symbol grants the product compliance to the Regulation (EU) 2017/745
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1.1 Dimensions (all quotes in mm)

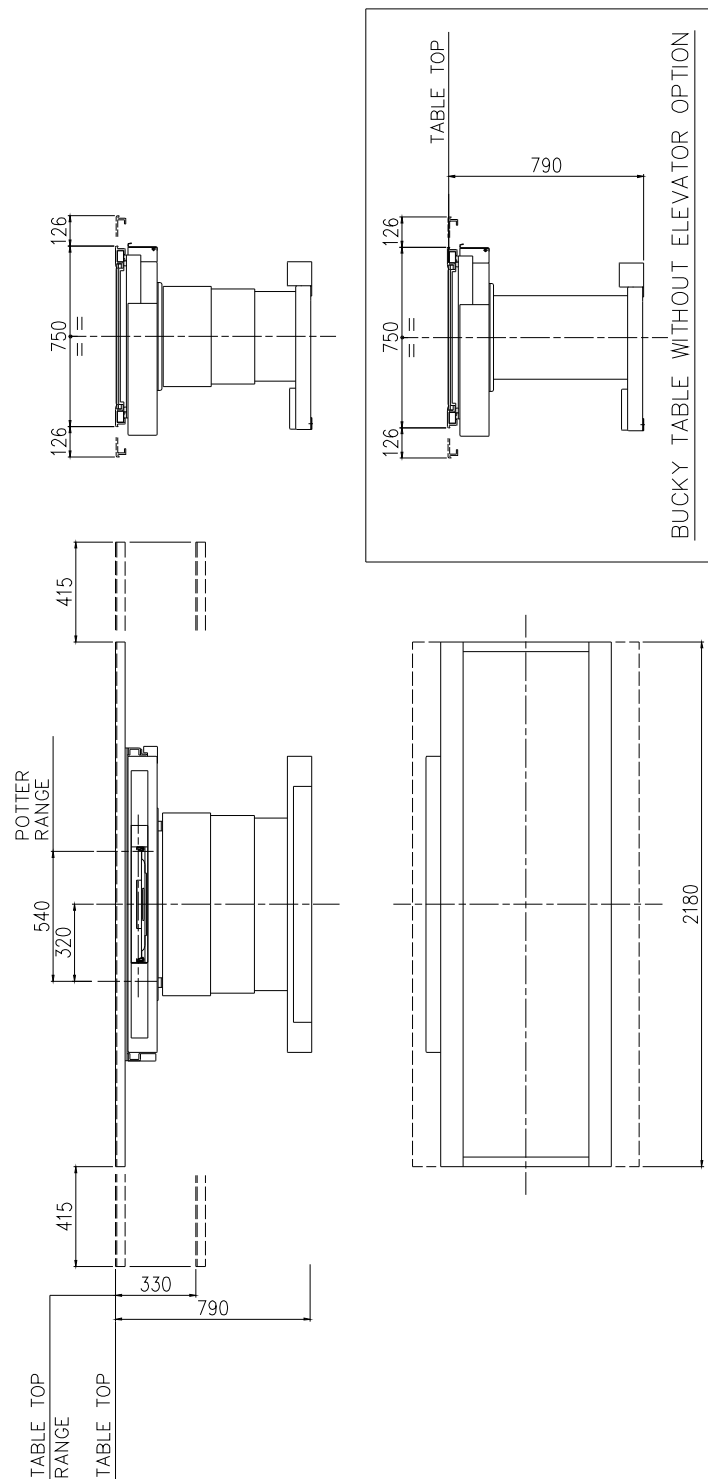


Figure 1: BF and BA versions



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