



HS ALLEGRA 900

Technical specifications



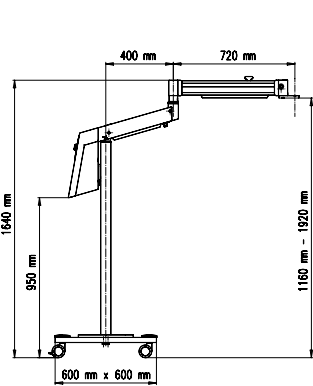
Tradition and Innovation – Since 1858, visionary thinking and a fascination with technology have guided us to develop innovative products of outstanding reliability: Anticipating trends to improve the quality of life.



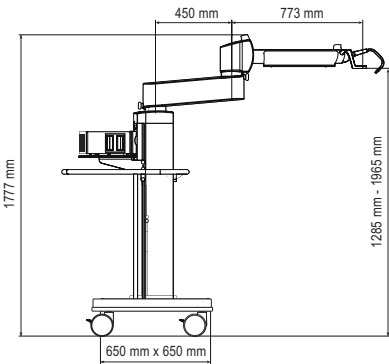
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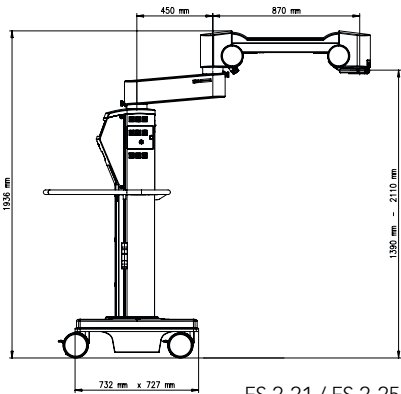
Microscope	HS ALLEGRA 900
Optics	apochromatic
Stereo base	25 mm
Focusing	-30 mm to +20 mm
Working distance	200 mm, more lenses available
Magnification (Motorized zoom 1:6)	4.3x to 25.7x
Diameter of visual field	8.2 mm to 49.0 mm
Illuminated field	3 mm to 60 mm
Inclinable eyepiece head (10x wide angle oculars)	160°
Diopter setting on the oculars	-8 D to +5 D
PD Range	55 to 75 mm
Inclination angles	-8° to +100°
X-Y coupling	60 mm x 60 mm
Brakes	electromagnetic
Filter disk	2 diaphragms, 5 filters
Weight (without accessories)	7.4 kg



FS 1-12



FS 2-11 / FS 2-15



FS 2-21 / FS 2-25

Floor stands	FS 1-12	FS 2-11 / FS 2-15	FS 2-21 / FS 2-25
Arm reach (max.)	1120 mm	1223 mm	1320 mm
Swivel area	2 x 360°	2 x 300°	2 x 270°
Door height	1640 mm	1777 mm	1936 mm
Floor stand carriage	600 mm x 600 mm	650 mm x 650 mm	732 mm x 727 mm
Carrying capacity	4.5 kg to 9.0 kg	4.5 kg to 15.0 kg	5.5 kg to 17.0 kg
Brakes	mechanical	mechanical	electromagnetic
Balancing	mechanical	mechanical	mechanical, sensor-aided
Height at oculars	839 mm to 1599 mm	964 mm to 1644 mm	1069 mm to 1789 mm
Illumination	2 x 150 W halogen	2 x 150 W halogen / 2 x 50 W LED	2 x 150 W halogen / 2 x 50 W LED
Protection filter	UV, IR	UV, IR	UV, IR
Operating voltage	100 VAC to 240 VAC	100 VAC to 240 VAC	100 VAC to 240 VAC
Max. power consumption	400 VA	600 VA / 450 VA	1200 VA / 1000 VA
Weight	80 kg	198 kg	240 kg
Foot switch	14 functions	14 functions	14 functions