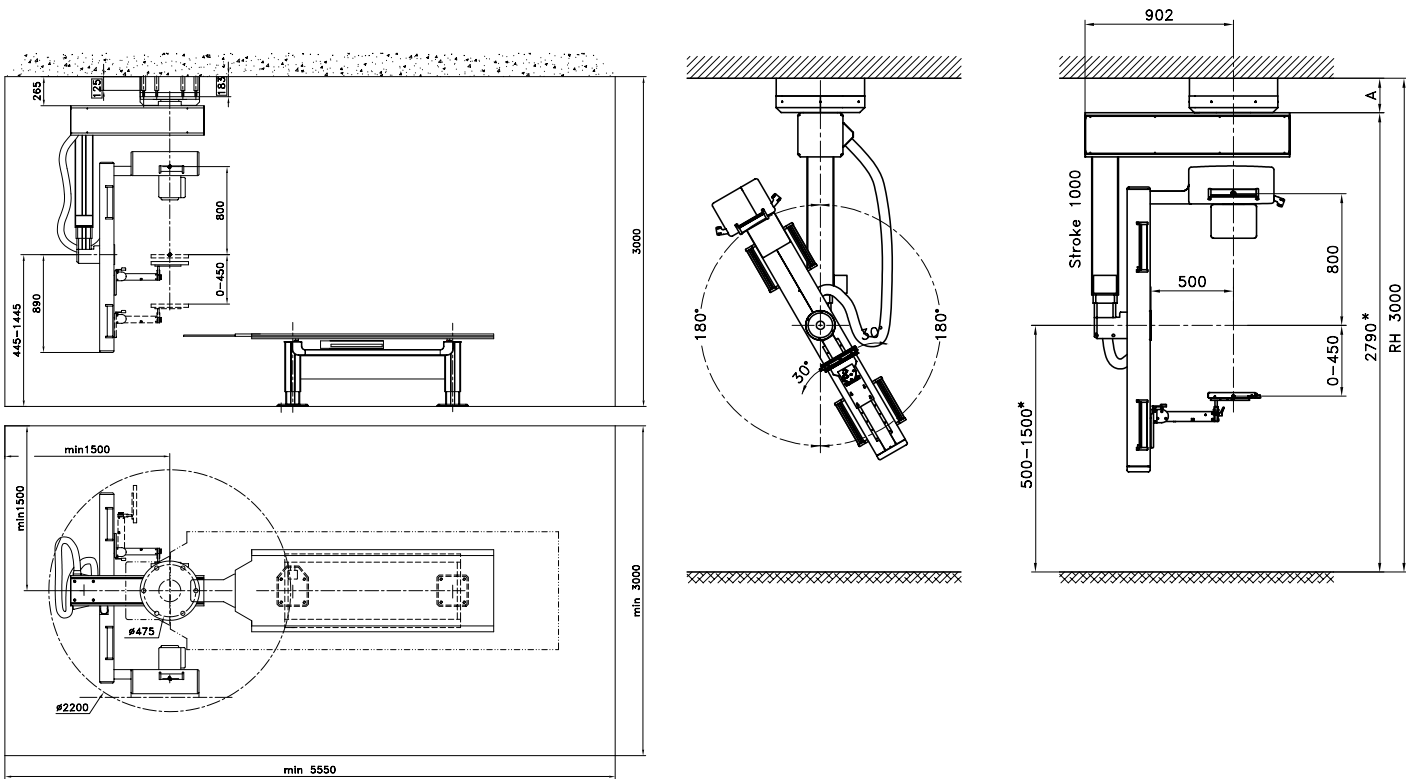


SPECIFICATIONS

ARCO SPHERE

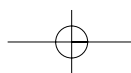
Rotation a	>360° Absolute encoder for positioning
Rotation b	>360° Absolute encoder for positioning
Vertical movement	Soft-starting fast motion by motor Vertical movement 1000 mm
Focus - Film Distance	800-1250 mm
Cassette holder	Tiltable with different sizes Grid for cassette holder is optional 24x30 included as standard 18x24, 30x30 and 18x43 cm as option
Security	Integrated anti-collision protection for column and arm
Control device	Ergonomically designed manoeuvre panel for handling of both system movements and position indicators
Weight	Approximately 220 kg without X-ray tube
Mains connection	3x400 V AC 6A
Ambient temperature	10-30°C
Ambient humidity	40-90% relative humidity, non-condensing

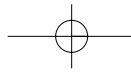


All distances in mm



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ARCO SPHERE

ARCOMA



ARCO SPHERE

ARCO SPHERE

FOR PATIENT COMFORT

The ARCO SPHERE was primarily designed as a modern easy manoeuvrable skull unit. But thanks to the easy operation and patient friendliness ARCO SPHERE also became a popular unit for a lot of other X-ray examinations. Such as cervical spine, shoulders and extremities.

Large working range

The large vertical working range means that you can do everything from sinus X-rays to X-rays on loaded knees.

Digital control

The digital control with modern electronics makes all functions very reliable and easy to maintain. Motorised movements have reduced speed at beginning and end for simple and safe positioning.

Safety

To avoid injury to patients and staff by mechanical compression, all motorised movements have guard switches, which turn off the servo power when the tube encounters an obstacle. To avoid unwanted movements at power failures all electromagnetic brakes remain active, when the power is turned off.

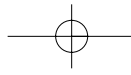
At angulation of the tube arm the external ends are supervised continuously so that no collision with the floor will arise.

Easy to manage

The display window is placed in eye-level on each side of the column which facilitates the positioning.

Laser light for exact positioning with horizontal and vertical light cross.





Pleasure in your work

Six separate handles, ergonomically designed and placed, makes it easy and safe to operate ARCO SPHERE. The multilayer iris collimator with its strong lightfield and cross, combined with a distinct laser light cross, makes centring and collimation very easy.



Care for patient comfort

The large working area of the tube arm and the easy to swing away cassette holder arm makes it very easy to position the patient. Four different cassette sizes are available.



1. Lateral X-ray of shoulder



2. The turnable cassette holder gives a good support to the hand and the forearm



3. X-ray of neck/back, sitting



4. X-ray of loaded knee

