

GSR D1

Assembly and installation guidelines

GSR D1

Gamma Irradiation Device

Guide for assembly and installation

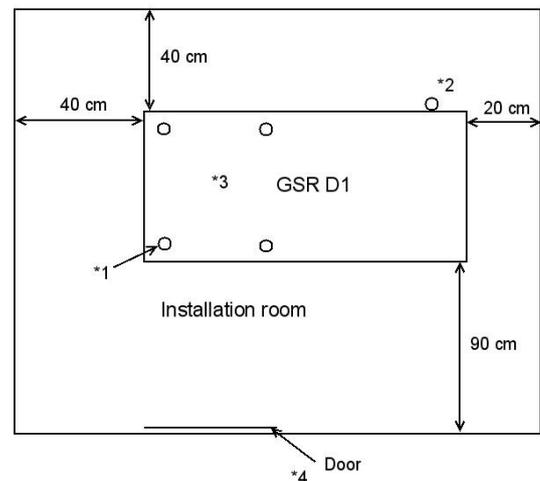
Requirements installation room

Temperature:	15 - 35 °C
Relative air moisture:	45 - 75 % without condensation (in areas with high air moisture we recommend air condition)
Atmosphere pressure:	860 - 1.060 hPa
Air ventilation in the room:	5 renewals of air per hour
Floor loading:	see description of the load points
Height under the ceiling:	2,80 m (depends on the crane), height in consideration of illuminators and ventilation equipment
Entrance width:	min. 90 cm
Electrical socket:	1 pcs., fused with 16 A



Room scheme for the irradiation unit GSR D1

Dimensions GSR D1
B x D: 1,21 x 76 cm (incl. door knob)



Manufacturer:
Gamma-Service Medical GmbH
Bautzner Straße 67A
04347 Leipzig / Germany

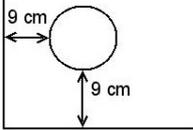
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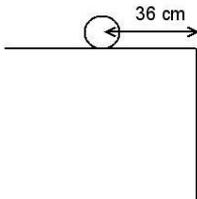
Eckert & Ziegler

Gamma Service Medical

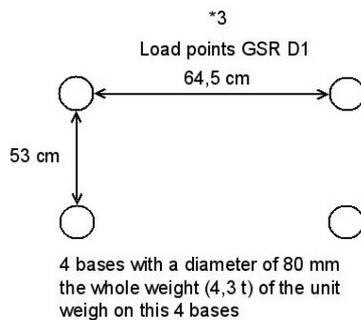
*1
Distance between load points
and unit exterior



*2
Power supply GSR D1



Exit mains cable ca. 20 cm
over floor level
Lenght: ca. 2 m



*4
in case of the indicated room dimensions the
door for the irradiation room has to be in front
of the 4 load points, a max. tolerance of 20 cm
is allowed (to the right or the left)

The indicated dimensions are only valid when the irradiation device will be installed at the ground level of the installation room. If this is not possible, e. g. because the unit has to stand on a platform, the customer has to arrange this things with Gamma-Service Medical before.

Remark:

For the load distribution of the unit weight we prefer a steel plate under the device instead of a platform.

For installation of the GSR D1 you need a sufficient floor load capacity of the route of transport and at the place of installation. The heaviest single part during the insertion and the assembly (installation) weights 2,2 tons (exclusive of transportation equipment e. g. a pallet truck). If the unit has to be assembled outside of the installation room, you have a weight of 4,3 tons.

All doors (on the route of transport until the installation room) minimum have to be 90 cm wide.

The route of transport has to be flat, cleared and without any steps. If this requirements are not fulfilled the customer has to arrange this things with Gamma-Service Medical GmbH before.

Remark:

During the installation a side room beside the installation room should be provided for temporary storage. The ensure the possibility for servicing the unit has to be placed in compliance with the minimum distances (as shown in picture 1) in the installation room.

Installation

Only technicians who are authorized by Gamma-Service Medical GmbH can carry out the installation of the irradiation device. The installation of the device takes place immediately after the delivery.

Relocation of the irradiation device can only be undertaken after a site survey by an authorized technician. Transport without the appropriate transportation lock can cause damage to the mechanical components.