Product Specification gfw

MEDIS Medical Technology
Anatomy-Forensic Medicine-Pathology

Product: **Preservation Tank for 6 Cadavers, hydraulically operated, side loading**
Cat.-No.: **MA-1347**

Preservation Tank for 6 Cadavers with hydraulic lifting of cadaver trays, side loading

Type: 1347 .1

Description

The preservation tank for the preservation of cadavers (dip system) has been developed for use in the gross anatomy.
The height adjustment of the insert is hydraulically driven and the system thus meets all the requirements of an explosion proof environment. The switches UP / DOWN are also explosion proof.

The complex consists of a preservation tank, an insert for 6 body donors with a concluding tight lid and a central hydraulic unit which is installed separately. The design is ergonomic.
A crane system is not required. The system can be installed on a ordinary floor - but also be sunk into the floor.

The container (t-3mm) is reinforced and completely made from stainless steel sheet EN / DIN 1.4301 (AISI 306).
The interior volume is about 4,000 liters at 100% filling. Viability of the operation for 6 body is 750kg.

Other versions (e.g. 3 body, etc.) available.
Please let us know your requirements.

MA-1347 Hydr. operated whole body preservation cuvette for 6 cadavers (in raised position).

Features

The use of preservation cuvettes (tanks) with electric crane lifting mechanism is in many cases not possible due to the desired capacity and low room height. Moreover, the use of ethanol as a preservation medium is, due to safety reasons (risk of explosion), only possible with hydraulically driven preservation tanks.

The new concept of a hydraulically controlled cuvette is therefore inexpensive, safe and versatile, because all preservation solutions, especially ethanol, etc., can be used without any problems.

MA-1347 hydralic operated whole body preservation cuvette for 6 cadavers (in closed position).

Concept and Design

To achieve the lowest possible extended height, the cuvette can be used in a bottom trough with 350mm depth.
The stainless steel container (t-3mm) is torsion-braced and completely made from stainless steel EN / DIN 1.4301.

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VAT I.D No.: DE 257 930 159
Trade Register I.D.No.: HRB 3402
Manufacturer I.D. No.: 21659

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The stainless steel cap has a circumferential silicon seal for complete sealing against leaking gas. The support frame for the body is attached to the cap and is moved together with the lid, up and down. The surfaces of the cadaver support frame are perforated in order to ensure a sufficient liquid throughput.

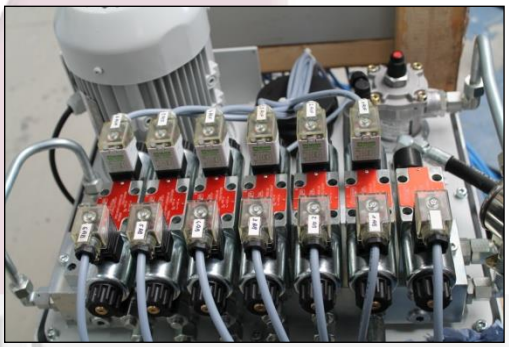
The central hydraulic unit has an oil pan according to the Health Protection Act, a 30-liter tank and the fuel distributor for the synchronous positioning of the receiving frame. Oil pressure line filter = 10 microns. Pressure relief on DBV. Control of the cuvette system via push buttons for up / down movement in explosion proof design.

Installation (400x400x300mm) in a separate room for the control and protection of the hydraulic unit.

The body trays are provided with sufficiently large perforations so fluid retention during lifting and lowering will not occur.

The emptying of the cuvette system must be done with on-site pump. Cleaning ability of the system is only possible by removing the lid along with support frame by on-site lifting equipment. The guiding system of the frame consists of 60x40mm anti-rub plastic rods.

MA-1347 Preservation cuvettes for 6 cadavers each in the storage room. Inserts with cadavers are lifted hydraulically



Compact hydraulic control unit für 6 cuvettes

Delivery

1 x full body cell with insert for 6 cadavers and lid
1 x central hydraulic unit
1 x pipe and tube material in sufficient quantity
1 x function and test
1 x operating and maintenance instructions

Specifications

Dimensions over all: 2440 (L) x 1600 (W) x 3000 (H) mm
Weight: appr. 790kgs
Cuvette capacity: 2230 (L) x 1480 (W) x 1323 (H) mm
Option: floor recess: 2280 (L) x 1480 (W) x 350 (H) mm
Internal volume: 4000 liters at 100% filling
Working load total: 750kg
Control (up / down): a pushbutton in ex-protected design
Power supply: 3-phase AC 230/400 Volt / 16 Amp
Electric power: 1,1 KW in aggregate room
Height adjustment of the cuvette insert: hydraulically by separate unit
Material: stainless steel EN / DIN 1.4301 double polished for all parts

Site Preparations / Services

Depression in the ground in 2280 +20 mm (L) x 1480 + 20 mm (W) x 350 + -3 (H) mm in absolutely flat and angled versions.
Filling the gap after the onset of the cell with concrete (or equivalent).
Openings for hydraulic lines
Channels to the cells for hydraulic lines and control cables.
Electrical connection 3 AC 230/400Volt / 16 A / 1.1 kW

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Country of Origin Manufactured by MEDIS MT GmbH in Germany acc. to EN and German norms and the health & safety regulations of the EC and Germany!	

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