

HEALTHY DESIGN presents TOTEM



CASALUCI GIULIANO HEALTHY DESIGN Well-being within interiors



Casaluci Giuliano S.r.l originated in 2000 due to matured experience in the creation, production, development, and planning of personalized interior design and furniture.

The company has created a "Health Division" which produces furniture and interior design for assisted-living residences and hospital structures.

Casaluci Giuliano S.r.l. aspires to promoting industrial research and experimental procedures for innovative material to integrate with advanced technology with the set goal of incrementing innovation and quality in their finished product.

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Strong Points

- ► IMMEDIATE USAGE OF EQUIPMENT FOR HEALTHCARE PERSONNEL avoiding overlie at the upper side (head) of patient and possible damage.
- CORRECT POSITIONING OF HEALTHCARE
 OPERATOR for immediate usage of apparatus.
- MAXIMUM EASE OF ACCESS TO EQUIPMENT in both installation and maintenance.
- SYSTEM OF DIVISION FOR PRIVACY unique in it's sector with hide-away roller screens.
- PRODUCT SANITATION due to reduced surface exposition this product offers a higher hygienic and sanitary level of maintenance.

Industrial patent n° 0001391871

Medical apparatus Class IIB In conformance with Directive of the European Economic Community 93/42/EEC





Selective Innovation – Shangai Expo 2010



Casaluci Giuliano Healthy Design has designed and produced two models of vertical headboard beams with "patented" systems of unique integrated dividing screens for privacy for hospitals, clinics, and healthcare facilities for the elderly.

The two medical apparatuses with similar technical characteristics are identifiable as TOTEM HYDRA – destined for hospital structures and the great capacity of clinical functions performed within, whereas TOTEM SPAZIO responds to the same functional characteristics while personalizing and camouflaging the clinical aspect.

Excellence in design for both healthcare personnel and patient/beneficiary has been a challenge for Casaluci Giuliano Healthy Design – product leader in healthcare of the future – which has resulted in greater safety, saving in installation and maintenance, a vast gamma of configuration, and a unique design.

Documentation of product:

CE 0068 trademark

Certification of medical apparatus Class IIB

International Patent



EMERGENCY

TOTEM HYDRA

Models for hospital structures.

DAY HOSPITAL

•







INTENSIVE CARE UNIT



SPECIALIZED RECOVERY



TOTEM SPAZIO

Proposed models for installation.



MODEL EXEMPLIFYING RECESSED TOTEM SPAZIO







MODEL EXEMPLIFYING RECESSED TOTEM SPAZIO





INDIRECT LIGHTING

NIGHT LIGHTS

CHROMATHERAPY LIGHTS

TOTEM HYDRA

▶ PRODUCED AND INSTALLED
 Hospital – Camposampiero – Padova
 Emergency Room.







TOTEM SPAZIO

PRODUCED AND INSTALLED
 Assisted Living Residence
 "Villa delle Magnolie" Monastier – Treviso.





INSTRUCTIONS FOR USE

For hospital structures, clinics, and assisted-living for the elderly.







TOTEM HYDRA AND TOTEM SPAZIO (model SPAZIO illustrated in the above images) represent a system designed to modify the dated concept of headboard beams, integrating flexibility of usage in the components. High tech design and concepts permit integrated, beneficiary, and accessible medical service.

All of which has been conceived in consideration of the new healthcare production and utilization needs / requirements.

A completely unique, innovative, patented concept is composed of the hide-away system of dividing screens for privacy, easily extractable with a single fluid

movement of the roll-up door, equipped with two easy grip aluminium satin finished handles.

The movement / opening results due to the contrasting weights found in the internal vertical part of the totem and enclosed within a cover slide.

The roll-up screen system has double activation with descent by pulling and roll-up by spring deceleration, through a sophisticated mechanism inserted in the pull control which permits the roll-up by spring deceleration in any desired position and with extreme precision.

The screen is composed of the innovative material termed "Biomaster": bioactive antibacterial fibre –



flame repellent in Class I. Said fibre is denominated TREVIRA "BIOACTIVE" and is capable of blocking the proliferation of bacteria through the force of silver ions

inserted in the fibre composition.

"Biomaster" resists moulding, is easily washable, and long lasting, all characteristics necessary in healthcare structures demanding attention in the prevention of infection. For structures destined to greater technical activity (ex. emergency, intensive care, dialysis, etc.) the proposed solution is plastic coated screens, flame resistant Class I, water proof, anti spotting, easily washable and easily disinfected.

Exemplified movement of roll-up door



Exemplified movement of roll-up screen



Instructions for care and washing of material screens











TOTEM HYDRA

Sole purpose of image for illustration.

Industrial patent n° 0001391871

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The TOTEM HYDRA is an electrical medical apparatus which permits the integration of various functions in a single vertical compact design element.

HYDRA allows choice and integration of all the components necessary to facilitate the work flux of the healthcare personnel in their varied activities, from normal to prolonged recovery, emergency, preparatory and surgical units, day hospital, intensive care and dialysis where the guarantee of privacy is of greater priority.

HYDRA offers a completely hide-away, patented dividing screen easily extractible through a single fluid slide up movement balanced by space saving counter weights which do not inhibit movement in the room

during opening or usage, and is equipped with a roll-up screen in TREVIRA CS material: flame resistant in Class I, antibacterial, easily washable, and easily disinfected. The power pack is predisposed upon a vertical structure produced in flame resistant laminated plates – thickness 20 mm; affixed to the wall with specific anchor bolts which permit an easy and secure installation.

The structure is internally predisposed with two lateral channels of various, well separated courses and compartments in which may be found the normal required apparatus, cable systems permitting direct tension and low tension, electrical plugs, data transmission, diagnosis, call system for nurses,

TOTEM **HYDRA** with nightstand

Sole purpose of image for illustration.

Industrial patent n° 0001391871

Medical apparatus Class IIB In conformance with Directive of the European Economic Community 93/42/EEC





emergency call systems, internet routing, integrated lighting, and medical gas distribution units.

The external central support where the service units are inserted is composed of aluminium extruded product smoothed edge vertical trim allowing immediate access to the technical components.

The two ends are closed with thermal casing predisposed to receive illumination.

An accessory which may be applied to TOTEM HYDRA is a set of suspended nightstands sustained by hinged base supports which facilitate working conditions for both healthcare personnel and patients due to the ability to rotate.

The body / framework, front, and drawers are produced in HPL plates with aluminium smoothed edge trim. The top layer is in thermal formed ABS with perimeter borders for liquid containment, both upper and lower drawers slide on telescopic metal tracks, easy grip aluminium smoothed edge handles.

Other accessories which may be applied to nightstands upon request: towel racks, side pockets for newspapers and/or magazines, and containers for various objects. TOTEM HYDRA offers a gamma of standard laminations and personalization when requested by the client.

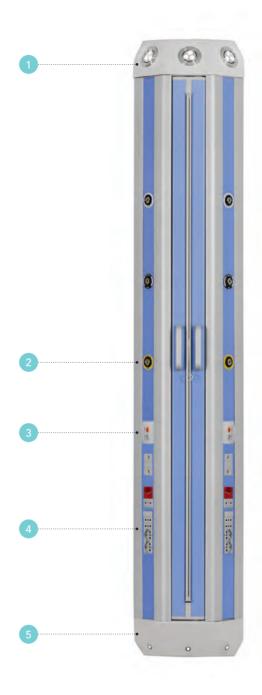
TECHNICAL SPECIFICATIONS **HYDRA**

1 INDIRECT LIGHTING



GAS MODULE





Configuration.

CALL SYSTEM



OUTLET COMBINATION

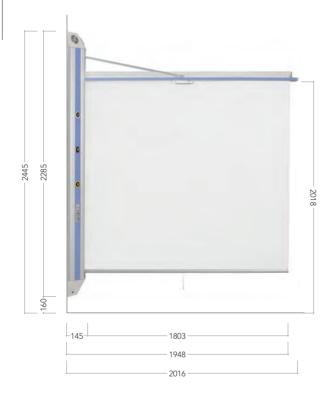


NIGHT LIGHTS

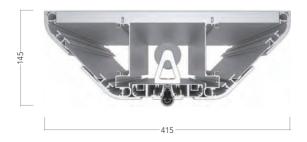


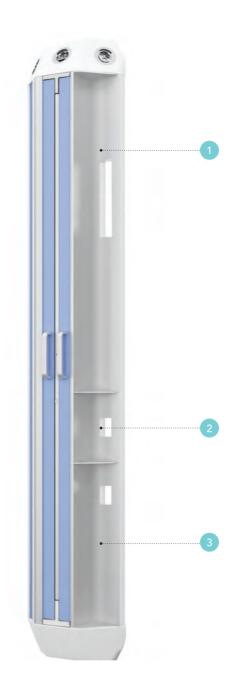
GENERAL CHARACTERISTICS

DIMENSIONS



SECTION





VISUALIZATION OF CASING

COMPARTMENT FOR MEDICAL GAS TUBING

COMPARTMENT FOR NETWORK POWER SUPPLY CABLES

COMPARTMENT FOR LOW TENSION CABLES

TOTEM SPAZIO



Sole purpose of image for illustration.



TOTEM SPAZIO is an electric medical apparatus designed for structures catering to healthcare recovery and assisted-living for the elderly.

Its elegant design renders it extremely versatile and enables harmonious integration in various interior designs permitting the most diverse clinical functions requested. The vertical support structure is produced in flame resistant laminated plates – thickness 20 mm.

The central part is predisposed to contain a unique patented roll-up dividing screen completely hide-away, manipulated by easy grip satin finished aluminium handles. The movement / opening results due to the contrasting weights found in the internal vertical part of the totem and enclosed within a cover slide.

SPAZIO is equipped with a roll-up screen in TREVIRA CS material: flame resistant in Class I, antibacterial,

TOTEM SPAZIO

base version

Sole purpose of image for illustration.



easily washable, and easily disinfected. The structure is internally predisposed with two lateral channels of various well separated courses and compartments in which may be found the normal required apparatus, cable systems permitting direct tension and low tension, electrical plugs, data transmission, diagnosis, emergency call system for nurses, internet network, integrated lighting, and terminals for the distribution of medial gas.

The lateral channels are equipped with varnished aluminium snap lock closings to facilitate installation and maintenance.

Wall attachment by specialized anchor bolts as necessitated by individual wall type so as to assure easy and secure installation.

TECHNICAL SPECIFICATIONS SPAZIO





CALL SYSTEM



DATA PLUGS



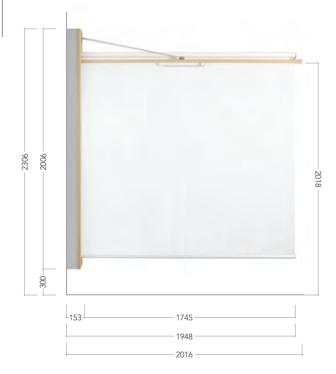
OUTLET COMBINATION



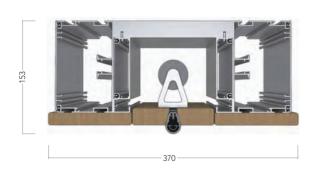


GENERAL CHARACTERISTICS

DIMENSIONS



SECTION





VISUALIZATION OF CASING

COMPARTMENT FOR MEDICAL GAS TUBING

COMPARTMENT FOR NETWORK POWER SUPPLY CABLES

3 COMPARTMENT FOR LOW TENSION CABLES









ACCESSORY CLAMP

cod. 35ACDH

INSTRUMENT DRAWER

cod. 38ACDH

WIRE PHIAL CONTAINER

cod. 39ACDH

All accessories are compatible for both HYDRA & SPAZIO modals.



BEAM FOR ACCESSORIES

cod. 29ACDH



BEAM TO HANG SACKS

cod. 36ACDH



BENDABLE BRACKET

cod. 32ACDH



DIRECT LIGHGT

cod. 31ACDH



ACCESSORY BRACKET

cod. 34ACDH



BRACKET FOR CEILING MOUNTING

cod. 40ACDH



BEAM SUPPORT FOR INTRAVENOUS DRIP FEED

cod. 37CDH



FRAMEWORK SUPPORT FOR WALL MOUNTING

cod. 41ACDH

Technical characteristics of the medical apparatus Totem Hydra/Spazio

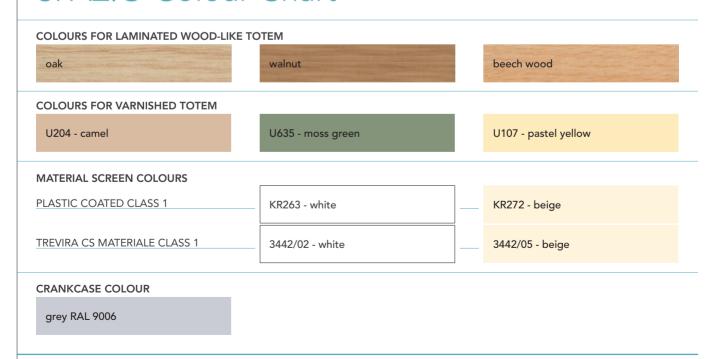
PROTECTION AGAINST ELECTRICAL DANGER FOR APPARATUS POWERED EXTERNALLY	Class I
LEVEL OF PROTECTION AGAINST DIRECT AND INDIRECT CONTACT	Туре В
LEVEL OF PENETRATION AGAINST LIQUID PENETRATION	IP20
CONDITIONS FOR USAGE	Apparatus for continual
EEC DIRECTIVES 93/42 IN REF. TO ELECTRIC MEDICAL APPARATUS	In Class IIB
NOISE EMISSION	< less than 35 DB
TEST / TRIALS IN REF. TO REQUIREMENTS FOR EACH UNIT	Impedance of protection conductor in conformance with par. 18 – EN 60601-1:1990
	Dispersion of electricity in conformance with par. 19.3 and 19.4 – EN 60601-1:1990
	▶ Rigidness in conformance with par. 20.3 and 20.4 – EN 60601-1:199
ELECTROMAGNETIC INTERFERENCE	< less than that foreseen with ref. to the regulation CEI EN 60601 -1 -2:2003
POWER SOURCE TENSION	220/230 VC
FREQUENCY	50 Hz
AUXILIARY TENSION	24VCC-VAC
220-230V CIRCUIT ABSORPTION POWER IN REF. TO LIGHT BULBS	Max. 150 W absorption 0.7A
220-230V CIRCUIT ABSORPTION POWER IN REF. TO OUTLETS	Max 2000W per outlet Max 3000W total
MEDICAL DIRECTIVES	The apparatus is in conformance with the Directive: 93/42EEC including subsequent modifications and integrations
REGULATIONS OF REFERENCE	The apparatus is in conformance with the following regulations • CEI EN 60601-1-2:2003 Electromagnetic compatibility - Provision and testing
	CEI EN 60601-1-1990 Electric medical apparatus - General safety regulations
	• UNI EN ISO 11197:2009 Power source for medical usage
	• UNI EN ISO 14971:2009 Application for risk maintenance of medical devices
	• UNI 9507:2004 Gas distribution systems for medical use Terminal units

HYDRA Colour Chart

TOTEM COLOURS 1805 - light powder pink 441 - papyrus green 484 - sapphire blue 862 - Savanna Desert yellow 410 - icey white 412 - ivory **MATERIAL SCREEN COLOURS** PLASTIC COATED CLASS 1 KR263 - white KR272 - beige TREVIRA CS MATERIALE CLASS 1 3442/02 - white 3442/05 - beige NIGHTSTAND FRONT COLOURS 484 - sapphire blue 1805 - light powder pink 441 - papyrus green 862 - Savanna Desert yellow 410 - icey white 412 - ivory **COLOUR ALUMINIUM CHANNEL**

SPAZIO Colour Chart

anodized silver



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ART DIRECTOR: Giampaolo Tomietto

ARTWORK:

Anna Tomietto Arch. Valentina Galasso

PHOTO:

Alfonso Papa — www.alfonsopapa.com

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Casaluci Giuliano Healthy Design

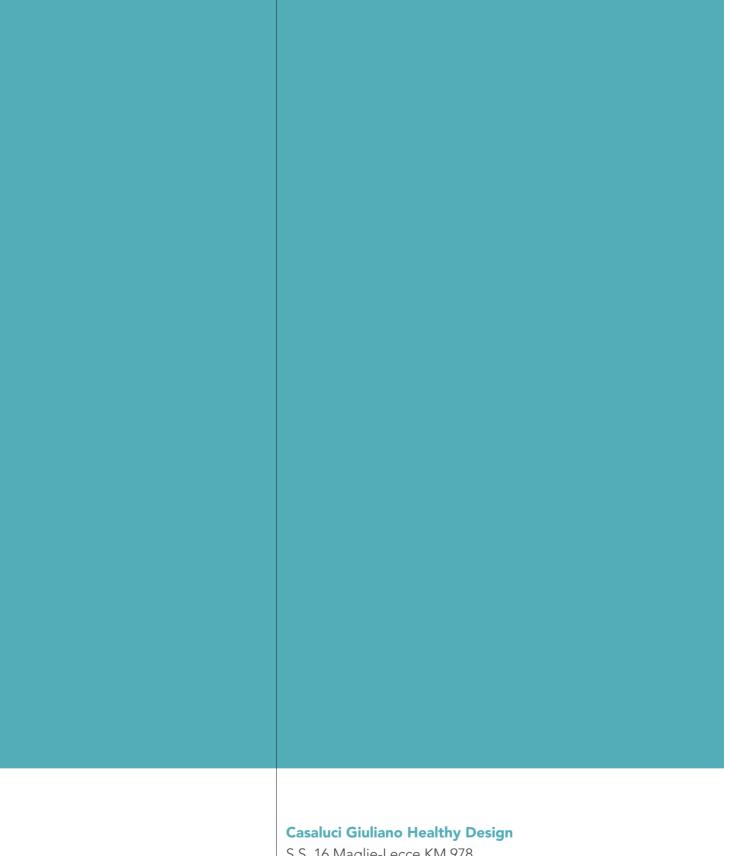
S.S. 16 Maglie-Lecce KM 978 73022 Corigliano d'Otranto (LE) Italia

T. +39 0836 58 33 39 F. +39 0836 58 91 36

info@casalucigiuliano.it www.casalucigiuliano.it







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T. +39 0836 58 33 39

F. +39 0836 58 91 36

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