ULTRAVIOL

CATALOGUE OF OFFERED MEDICAL DEVICES

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UltraViol is a dynamically developing company manufacturing medical equipment. We have been established in 1993.

We offer wide range of X-ray film viewers, including LED modern line, flow and direct radiation germicidal lamps and SAD phototherapy light Fotovita.

Our latest product offer includes the digital and analog images viewing stations, Breis /Ultraviol/ Pacs diagnostic console and Dermalight UV-irradiation units for treatment of skin diseases.

Our company is continuously improving technological solutions to our devices, modernizing their design and quality.

The medical equipment manufactured by our company complies with the requirements of 93/42/EEC (with amendments according to 2007/47/EC) and 2004/108/WE Directives, EN 60601 standard on safety of medical devices and EN 60601-2 standard concerning electromagnetic compatibility of the products.

To confirm the fact that ULTRA-VIOL meets the highest requirements for manufacturers of medical devices, the company obtained ISO 9001 and ISO 13485 certificates granted by TUV NORD CERT GmbH, Essen, Germany.

Our equipment is used by all the best clinics and hospitals in Poland. We export the products to most of the European countries and many other countries all over the world.

The main provider of light sources and power systems, which have a great impact on the high quality of our equipment, is PHILIPS, OSRAM – the worldwide leaders in light technology.

Technological processes used in our production are environmentally friendly.

The detailed information and technical data of our products are available in catalogues and on our website www.ultraviol.pl.

We invite you to become our business partner.

X-RAY FILM VIEWERS

ECONOMIC X-RAY FILM VIEWERS

- *Two fluorescent lamps*
- *Luminace 2400 cd/m²*
- *Light uniformity 84%*
- *There is only one switch on / off for all frames (the whole surface of the screen is illuminated at once)*
- *Film holding bar is not lacquered, is made of stainless steel*

X-RAY FILM VIEWERS

- WITH PARTITION INTO FRAMES
- WITHOUT PARTITION INTO FRAMES

- *Four fluorescent lamps*
- *Luminance 4000 cd/ m²*
- *Light uniformity 90%*
- *Each frame has a separate switch on/off*
- *Lacquered film holder*
- *Luminance adjustment*
- *HF power supply option*

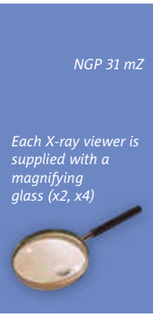
LED NGP

X-RAY FILM VIEWERS

- *ultra-slim – 35 mm only*
- *LED technology – 50 000 h long life*
- *energy saving – only 45% of the standard power consumption*
- *high luminance – 6000 cd/m2 (19 000 lux)*
- *superior light uniformity ≥ 90%*
- *FAS – film activated switch in the film holder*
- *step-less luminance adjustment*
- *absolutely no light flickering*

NGP 31 mZ

Each X-ray viewer is supplied with a magnifying glass (x2, x4)



X-RAY FILM VIEWERS

WITH SHUTTERS FOR MAMMOGRAMS

- *Luminance ≥ 7000 cd/ m²*
- *Four shutters*
- *Light uniformity 90%*
- *Luminance adjustment 30-100%*
- *HF high frequency power supply*
- *Magnifying glass*

RECESSED X-RAY FILM VIEWERS

FOR OPERATING THEATRE

- *Stainless steel front panel*
- *LED and HF version*
- *Luminance 5000 cd/m²*
- *Light uniformity 90%*
- *Luminance adjustment*

NGP 301 WS

DICO 1M 21"

ASEPTIC DIGITAL AND ANALOG MEDICAL IMAGES VIEWING STATIONS

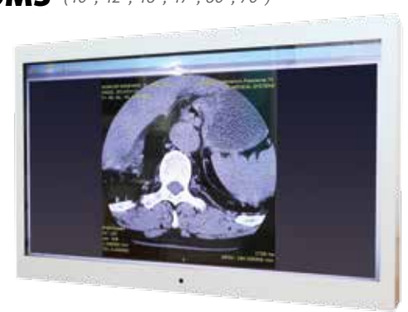
- *DICO station is a complete computer device with a medical washable keyboard with a touchpad (mouse can be connected).*
- *High-class computer*
- *Monitors equipped with hardware LUT calibration of DICOM*
- *Monitor protected by anti-reflex coated glass (over 8-time reduction of reflected rays)*
- *Intended for work in an operating room (easy disinfection, washing)*
- *Wall mounted, built in or on mobile stand versions available.*
- *DICO station makes it possible to look through medical images downloaded from LAN network, DVD station or through USB ports or other data storage devices.*
- *DICO station passed electromagnetic conformity tests. DICO stations comply with the standards PN-EN 60601-1:1999 (safety of medical devices) and PN-EN 60601-1-2:2002 (electromagnetic compatibility), are medical devices registered in the Medical Devices Register.*
- *DICO stations are available in a basic version with 21" monitors. There are also versions with bigger monitors 24", 27", 30", 40", 46", 60", 70"*
- *X-ray film viewer with shutters, HF power supply, with light intensity adjustment, screen dimensions of 40x40cm or 80x40cm constitutes an analogue part of the station.*

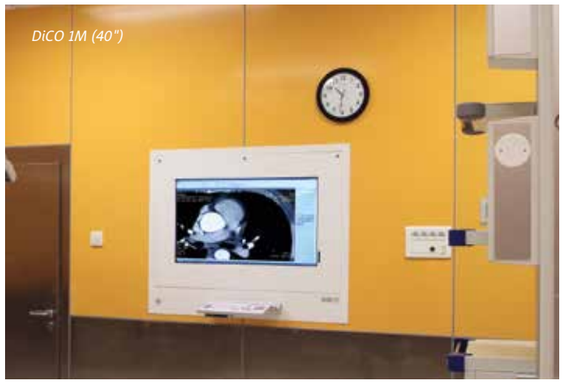
Easy to disinfection medical keyboard with touchpad, having an anti-bacterial coating. Can be folded.

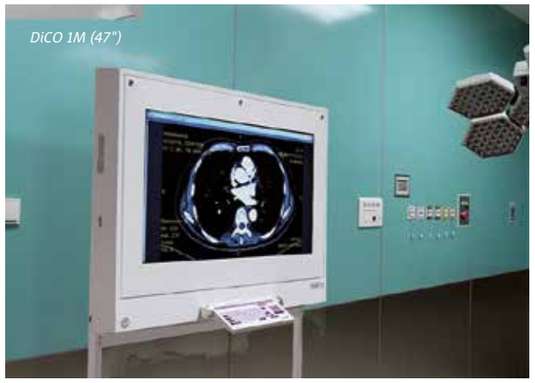
Video inputs

- *DESIGNED FOR OPERATING THEATER*
- *EIZO clinical monitors DICOM Part 14*
- *Intel core i3/i5/i7 up to 3,4 Ghz/8 MB*
- *Main board INTEL*
- *Fanless version*
- *HDD 500 GB*
- *USB – 2 sockets*
- *W7*
- *Analog viewers*

LARGE MEDICAL SCREENS FOR OPERATING ROOMS *(40", 42", 46", 47", 60", 70")*







BAASKE MEDICAL COMPUTERS

- *Medical desktop computer ideal for use in non-critical care environments such as patient rooms, nurses stations, labs, and exam rooms.*
- *Thin client medical computer e-medic Silence*
- *ALL-IN-ONE Panel PC*
- *Silent-running fanless operation*
- *Intel core i3/i5/i7 up to 3,4 Ghz/8 MB Cache*
- *Medical keyboards*
- *ISOLATORS*

VIDEO MANAGEMENT AND ROUTING

Multimedia video recording system is a fully integrated multiplatform solution software - hardware station using DiCO® workstation, cooperating with hospital informatics systems. It is also an intuitive suite of applications the video recording Full HD or SD. The system also offers operational reporting, remote, two-way audio / video communication. Audio / video communication significantly improves the quality of work in the operating room by giving the possibility of consultation.

Video recording

NBVE SERIES UV-C FLOW GERMICIDAL LAMPS

NBVE

NBVE 60NL
NBVE 110NL

- *Disinfect the air in the presence of staff and patients*
- *irrevocably deactivates bacteria, viruses, moulds, fungi and other microorganismus*
- *highly effective in air disinfection*
- *UV-C germicidal bulbs Philips, Osram*
- *2- function flow germicidal lamps with external radiator of direct action*
- *Energy – efficient – very low power consumptionstainless steel INOX housing*
- *Wall, ceiling mounted, mobile*

NBVE 60/30NL
NBVE 110/55NL

Flow germicidal lamps type NBVE are designed to prevent primary and secondary infections of patients and medical personnel caused by airborne pathogenic microorganisms (pathogens). Using lamps in the rooms especially in the immediate vicinity of infected patients or patients with immune deficiencies, significantly reduces the probability of spread of infection by air. Raising the level of microbiological purity of the air and the rooms helps to destroy and reduce impact of existing outbreaks of pathogens.
Using UV-C radiation is one of the most efficient methods of supporting disinfection process (reducing the population of microorganisms). These devices produce UV-C radiation of wave length 253,7 nm. This radiation reveals the strongest biocidal characteristics and irreversibly deactivates bacteria, viruses, moulds, fungi and all other microorganisms. Due to their high efficiency germicidal lamps are used wherewer high level of microbiological purity is required and quality and safety of patients and personnel depends on this level of purity.

NBVE 60PL
NBVE 110PL

NBVE 60/30PL
NBVE 110/55PL

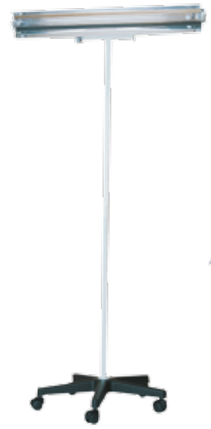
- *Inox steel box (mat or glossy)*
- *Box of any RAL color available on customer request*
- *Easy to clean and disinfect*
- *Air filter available without the use of tools*
- *Counters of working time L, LW*

UV-C RADIATION IS APPLIED IN:

- *Medicine: operating theatres, treatment rooms, delivery wards, sick bays, dentist's*
- *Sanatorium, guest houses*
- *Pharmaceutical industry, herbal industry, cosmetic industry*
- *Agricultural and food industry (diaries, slaughterhouses, products packaging)*
- *Catering*
- *Stations, hotels, discoteques, cinemas*
- *In all places where high level of biological purity is required and at the same time people have to stay there*

NBV SERIES GERMICIDAL LAMPS

NBV



NBV 30P

NBV 2x30S

DIRECT RADIATION UV-C
GERMICIDAL LAMPS
WALL MOUNTED, CEILING
MOUNTED, ON MOBILE STAND

WORKING TIME COUNTER

- *digital working time counter equipped with microprocessor*
- *acoustic signaling the moment of exchange the bulbs*

NBV 15N

NBV 2x30N

Direct radiation germicidal lamps type NBV are designed to prevent primary and secondary infections of patients and medical personnel caused by airborne pathogenic microorganisms (pathogens). Using direct radiation germicidal in the rooms where infected patients or patients with immune deficiencies are staying, significantly reduces the probability of spread of infection by air. Raising the level of microbiological purity of the air and the rooms helps to destroy and reduce impact of existing outbreaks of pathogens.
Using direct radiation is one of the most efficient methods of supporting disinfection process (reducing the population of microorganisms). These devices produce UV-C radiation of wave length 253,7 nm. This radiation reveals the strongest biocidal characteristics and irreversibly deactivates bacteria, viruses, moulds, fungi and all other microorganisms. Due to their high efficiency germicidal lamps are used wherewer high level of microbiological purity is required and quality and safety of patients and personnel depends on this level of purity.
Areas of application of germicidal lamps:

- *Hospitals*
- *operation theatres*
- *Intensive Care Units*
- *hospital emergency rooms*
- *examination and treatment rooms*
- *reception units*
- *patients rooms*
- *isolation rooms*
- *soiled/dirty utility rooms*
- *Outpatient clinics (consulting and treatment rooms)*
- *Medical laboratories*
- *Chemist's*

WORKING TIME COUNTERS FOR GERMICIDAL LAMPS NBV AND NBVE SERIES

COUNTER LW

COUNTER L-02

PROGRAMMABLE
COUNTER LP-02

COUNTER LW ST

COUNTER LW SK

INDUSTRIAL UV-C GERMICIDAL LAMPS

IN THE AREA OF FOOD, COSMETICS AND PHARMACEUTICAL PRODUCTION PROCESS

- *designed in IP 65 class granting dust and water protection*
- *reflector made of stainless steel*
- *tight dome, resistant to damages*
- *germicidal bulbs:*
  2x 15, 2x 30, 2x 36 , 2 x 55 W
- *intensive UV-C radiation that eliminates bacteria, moulds, yeast and other microorganisms (microorganisms do not get resistant to UV-C light)*

We select and manufacture germicidal panels for air disinfection in the ventilation ducts, depending on the profile and the air flow. We make untypical installations for UV-C disinfection.

MEDICAL LIGHT SOURCES PHILIPS AND OSRAM

GERMICIDAL UV-C BULBS
PSORIASIS, SURGICAL LIGHTING.
HALOGEN, XENON, INFRARED LAMPS

UV-C BULBS WITH PROTECTIVE FOIL FOR FOOD INDUSTRY (HACCP)

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