



SPECTRA

antimagnetic

AREA DISINFECTION

99
.99999 %

efficiency UVC
disinfection technology

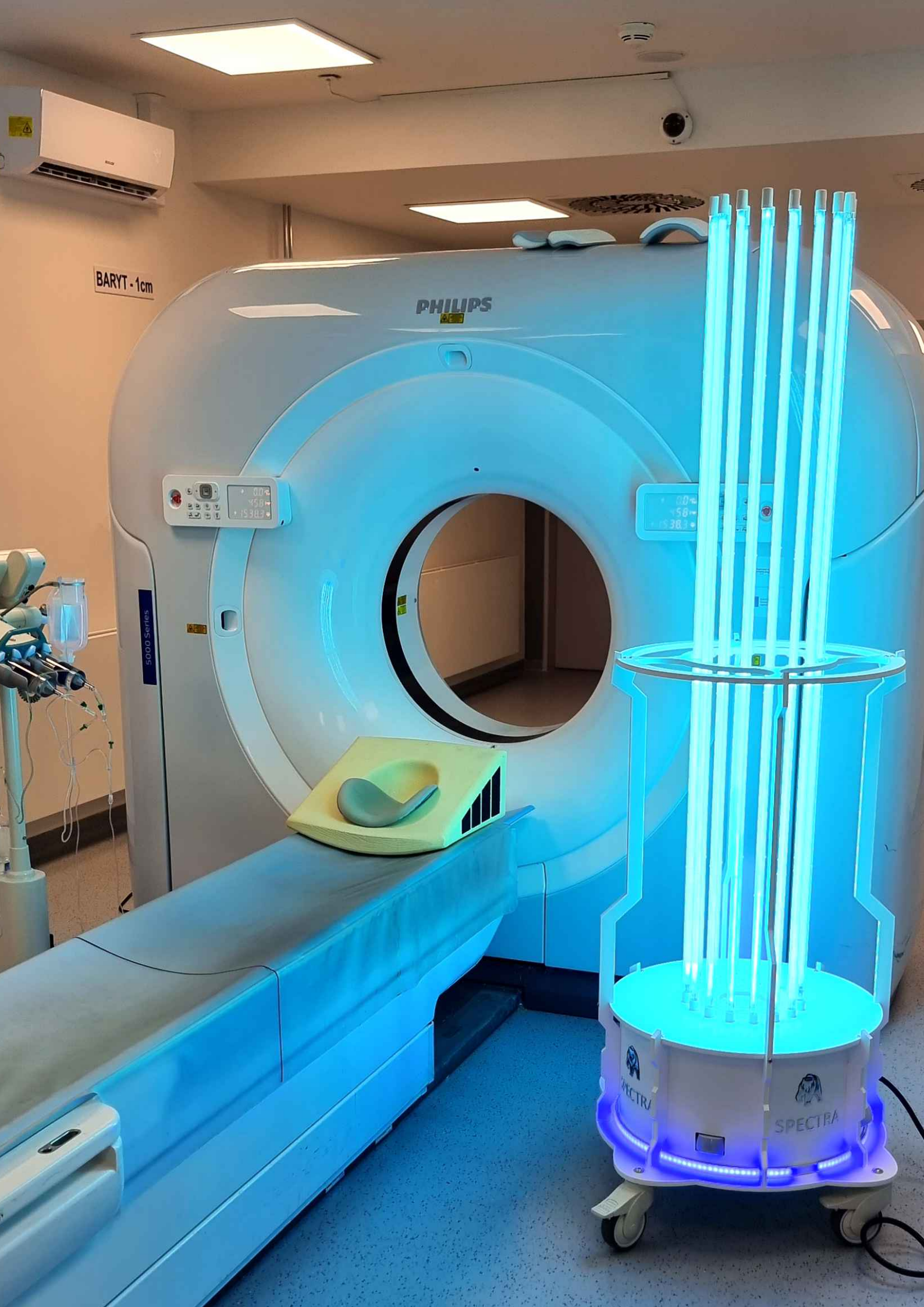
MRI compatible device
Resistance 3 TESLA



HIGH POWER OF UVC

2.320
W

Germicidal UVC power
Disinfection proces - less than 5min



BARYT - 1cm

PHILIPS

5000 Series

SPECTRA

SPECTRA

SPECTRA antimagnetic

Spectra Antimagnetic is one of the most powerful disinfections UVC devices on the market. Cumulated germicidal UVC output is 2.320W, which results in very short necessary irradiation times – most of the pathogens are liquidated within 5 minutes. The construction without obstacles between the UVC bulbs enhance to the high output of the device. Full capacity of the bulbs is cumulated around perimeter of each bulb with maximum radiation output. Short time required to destroy the pathogens allows regular disinfection of various areas with single device. The mobile chassis with quality castors ensures fast and easy transfer of the device. Round handle can be gripped from any side for comfortable handling. Securing of the device in the designated place is ensured by brakes above the castors. The device is equipped with high-quality Philips UVC bulbs. Lifespan of the bulbs is 9 000 hours. Accredited effectiveness of the device is 99,9999%.

Two RGB LED bands installed on the device offers optical signalisation of active status:

- Green color of RGB LED band signals ready status.
- Red color signals of RGB LED band signals interruption of the process due to motion detection.
- Blue color of RGB LED band signals the ongoing disinfection process.

Spectra Antimagnetic is controlled by GRIZZLY robotics original remote control with functions: ON/OFF and timer buttons for 5', 15', 30', 45', 60'.

Device is ready to perform directly after connection to the electrical network.

Delayed start assures the safe departure of the present personnel from the area.

Four motion detectors deactivates the device in case of motion detection for pre-set time.

The timing is adjustable on the detector.

Ongoing disinfection process is accompanied by the sound of inbuild siren, which can be manually switched off directly on the device.

The digital operating hours counter of the UVC bulbs is build on the device, the score is accessible even when the device is switched off.

DIRECT UVC TECHNOLOGY



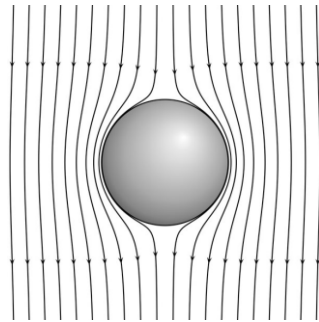


SPECTRA antimagnetic

Spectra Antimagnetic is unique for its construction which allows the device to be placed even in the magnetic resonance examination rooms (MRI)

The device was developed to resist a magnetic field up to 3 TESLA.

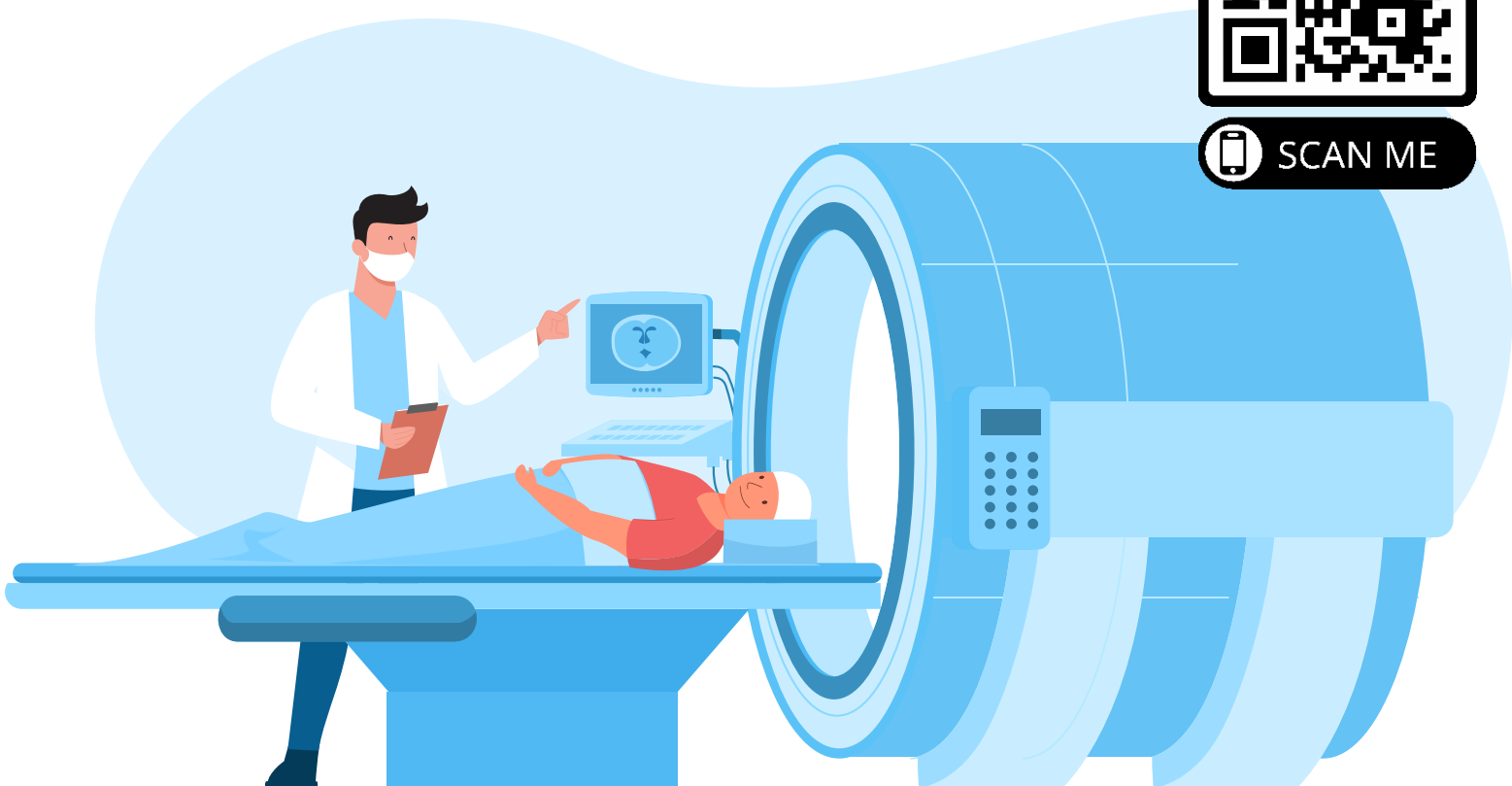
The protection of the device is provided by a thick aluminium shield, which behaves like a Faraday cage. This massive construction prevents inner electronics from damage.



Spectra Antimagnetic should be placed 3 meters from the MRI device.

Whole device is manufactured from non-ferromagnetic materials such as aluminium, plastic, glass and stainless steel AISI 304. Fine electronics of printed circuit boards may contain small metallic elements, which do not influence the MRI though.

VIDEO
on YOUTUBE





Technical parameters:

Power supply: 230V / 50 Hz

Cumulated output of UVC radiation: 2 320 W

Type of UVC bulbs: Philips 145W 4pin

Number of UVC bulbs: 16 pcs

Life span of UVC bulbs: 9 000 hours

Device efficiency: 99,9999%

Material: Antimagnetic

Device type: mobile with 4 castors with wheels

Material: aluminium, plastic, glass, stainless steel AISI 304

Digital operating hours counter

Inbuild sound signalisation with deactivating function

Optical signalisation of the device status

Color: white matte (washable)

The possibility of mounting a handle and posts for easier transport in a smaller box

Rapid UVC bulbs exchange option by Pull and Push system

Control: remote control with pre-set timings 5' 15' 30' 45' 60'

Electrical cord: removable, 3 meters or 5 meters

Weight: 40kg

Height: 186cm

Diameter: 59cm

Direct UVC power mw/cm2:

Distance 1m from device: 2,23 mw/cm2

Distance 2m from device: 0,90 mw/cm2

Distance 3m from device: 0,49 mw/cm2

Efficiency report



SPECTRA antimagnetic

