



Med TeCo
medical equipment

Medical devices
for air and surface disinfection
Product catalogue



medteco.ru

Contents

Closed type recirculators

OBR-15, OBR-30, OBR-15/1 bactericidal irradiator-recirculators	4
OBR-15/2-N, OBR-15/2-P bactericidal irradiator-recirculators	6
OBR-30/2-N, OBR-30/2-P bactericidal irradiator-recirculators	8
OBR-15/3, OBR-30/3 bactericidal irradiator-recirculators	10
OBR-15/4, OBR-30/4 bactericidal irradiator-recirculators	12
OBR-15/5, OBR-30/5 bactericidal irradiator-recirculators	14
OBR-30/6 bactericidal irradiator-recirculator	16

Combined type recirculators

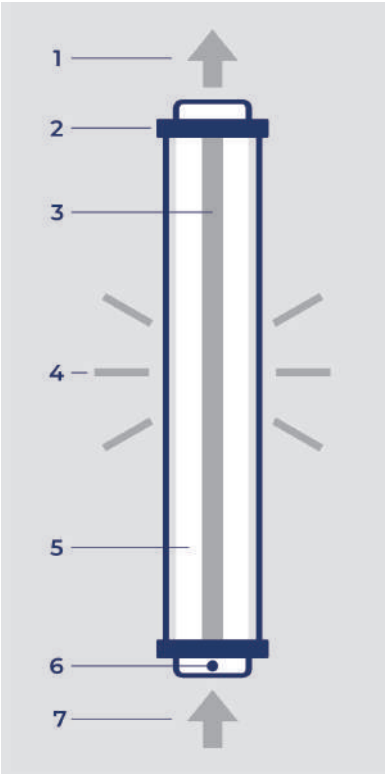
OBRK-30-2/1, OBRK-30-2/2, OBRK-2/3 bactericidal irradiator-recirculators	18
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Ceiling type recirculators

OBR-M ceiling type modular bactericidal irradiator-recirculator	20
OBR-P ceiling type bactericidal irradiator-recirculator	22
OBR-S ceiling type bactericidal irradiator-recirculator	24

ABOUT US	26
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Special features of air disinfection



- 1. Disinfected air flow
- 2. Fan
- 3. Bactericidal ozone-free UV lamp
- 4. Light*
- 5. Disinfection
- 6. Indicator
- 7. Flow of non-disinfected air

*in some models

Scope of use of Med TeCo bactericidal irradiator-recirculators



medical institutions:
clinics, dispensaries, hospitals,
sanatoriums, consultation clinics



public places with large crowds of people:
railway stations, airports, subway



general educational institutions:
kindergartens, schools, vocational schools,
higher education institutions



commercial premises:
shopping and entertainment centers,
supermarkets and hypermarkets



public institutions:
Banks, Multifunctional Public Services
Centers (MFCs), cultural institutions



public catering organizations:
cafes, bars, restaurants, canteens



administrative and office premises:
rooms, conference halls, meeting areas

OBR-15, OBR-30, OBR-15/1 bactericidal irradiator-recirculators

Closed type irradiators



- 

1
source
of radiation
- 

digital
counter
- 


PY
certificate
of registration

Description


OBR-15- and OBR-30-Med TeCo closed type bactericidal irradiator-recirculators with one ozone-free bactericidal lamp for air disinfection.




Advantages

- 


Patented by Med TeCo! Light source

The protective screen of the recirculator has a unique phosphor coating, which converts UV radiation energy into comfortable daylight and provides room lighting
- 

Additional protection against UV radiation

The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator
- 

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people
- 

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



Technical specifications

Model	OBR-15	OBR-30	OBR-15/1
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	30	60	30
Number of fans	1	1	1
Service life of bactericidal lamp, h	9000	9000	9000
Corrected sound power level (not more than), dBA	45	45	55
Power supply	230 V, 50 Hz	230 V, 50 Hz	220 V, 50 Hz
Power consumption (not more than), VA	30	60	30
Overall dimensions of the irradiator, mm	96x102x605	96x102x1058	90x90x600
Weight (not more than), kg	1	1,4	2
Bactericidal lamp service life timer	✓	✓	-
Certificate of registration	✓	✓	-

OBR-15/2-N, OBR-15/2-P

bactericidal irradiator-recirculators

Closed type irradiators



- 

2
sources
of radiation
- 

digital
counter
- 


PY
certificate
of registration

Description


OBR-15/2-N- and OBR-15/2-P-Med TeCo closed type bactericidal irradiator-recirculators with two ozone-free bactericidal lamps for indoor air disinfection.




Advantages

- 


Patented by Med TeCo! Light source

The protective screen of the recirculator has a unique phosphor coating, which converts UV radiation energy into comfortable daylight and provides room lighting
- 

Additional protection against UV radiation

The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator
- 

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people
- 

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-15/2-N
(wall-mounted)



OBR-15/2-P
(mobile)

Technical specifications

Model	OBR-15/2-N	OBR-15/2-P
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	60	60
Number of fans	2	2
Service life of bactericidal lamp, h	9000	9000
Corrected sound power level (not more than), dBA	45	45
Power supply	230 V, 50 Hz	230 V, 50 Hz
Power consumption (not more than), VA	60	60
Overall dimensions of the irradiator, mm	250x132x630	308x585x1037
Weight (not more than), kg	3,5	9
Bactericidal lamp service life timer	✓	✓

OBR-30/2-N, OBR-30/2-P

bactericidal irradiator-recirculators

Closed type irradiators



- 2 sources of radiation
- digital counter
- PY certificate of registration

Description

OBR-30/2-N- and OBR-30/2-P-Med TeCo closed type bactericidal irradiator-recirculators with two ozone-free bactericidal lamps for indoor air disinfection.



Advantages

- +1 Patented by Med TeCo! Light source**
The protective screen of the recirculator has a unique phosphor coating, which converts UV radiation energy into comfortable daylight and provides room lighting
- +2 Additional protection against UV radiation**
The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator
- +3 99.9% confirmed effectiveness**
Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people
- +4 UV lamp service life is 9000 hours**
Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-30/2-N

(wall-mounted)



OBR-30/2-P

(mobile)

Technical specifications

Model	OBR-30/2-N	OBR-30/2-P
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	90	90
Number of fans	2	2
Service life of bactericidal lamp, h	9000	9000
Corrected sound power level (not more than), dBA	45	45
Power supply	230 V, 50 Hz	230 V, 50 Hz
Power consumption (not more than), VA	120	120
Overall dimensions of the irradiator, mm	250x132x1090	308x585x1309
Weight (not more than), kg	4,5	10
Bactericidal lamp service life timer	✓	✓

OBR-15/3, OBR-30/3

bactericidal irradiator-recirculators

Closed type irradiators



sources
of radiation



digital
counter



certificate
of registration

Description

OBR-15/3- and OBR-30/3-Med TeCo closed type bactericidal irradiator-recirculators with three ozone-free bactericidal lamps for indoor air disinfection.



Advantages

+1

Performance up to 90/160 m³/h

The high capacity of Med TeCo closed recirculators makes it an indispensable solution in the fight against viruses and bacteria in rooms with large crowds of people and high traffic

+2

Additional protection against UV radiation

The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator

+3

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people

+4

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-15/3



OBR-30/3

Technical specifications

Model	OBR-15/3	OBR-30/3
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	90	160
Number of fans	3	3
Service life of bactericidal lamp, h	9000	9000
Corrected sound power level (not more than), dBA	60	60
Power supply	220 V, 50 Hz	220 V, 50 Hz
Power consumption (not more than), VA	60	105
Overall dimensions of the irradiator, mm	360x152x630	360x152x1100
Weight of the irradiator (not more than), kg	6	8,5
Weight of the mobile platform*, kg	5,5	5,5
Bactericidal lamp service life timer	✓	✓

*supplied on request

OBR-15/4, OBR-30/4

bactericidal irradiator-recirculators

Closed type irradiators



sources
of radiation



digital
counter



certificate
of registration

Description

OBR-15/4- and OBR-30/4-Med TeCo closed type bactericidal irradiator-recirculators with four ozone-free bactericidal lamps for indoor air disinfection.



Advantages

+1

Performance up to 100/220 m³/h

The high capacity of Med TeCo closed recirculators makes it an indispensable solution in the fight against viruses and bacteria in rooms with large crowds of people and high traffic

+2

Additional protection against UV radiation

The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator

+3

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people

+4

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-15/4



OBR-30/4

Technical specifications

Model	OBR-15/4	OBR-30/4
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	100	220
Number of fans	4	4
Service life of bactericidal lamp, h	9000	9000
Corrected sound power level (not more than), dBA	60	60
Power supply	220 V, 50 Hz	220 V, 50 Hz
Power consumption (not more than), VA	75	135
Overall dimensions of the irradiator, mm	410x137x630	410x137x1100
Weight of the irradiator (not more than), kg	6	9,5
Weight of the mobile platform*, kg	5,5	5,5
Bactericidal lamp service life timer	✓	✓

*supplied on request

OBR-15/5, OBR-30/5

bactericidal irradiator-recirculators

Closed type irradiators





5
sources
of radiation



digital
counter




PY
certificate
of registration

Description


OBR-15/5- and OBR-30/5-Med TeCo closed type bactericidal irradiator-recirculators with five ozone-free bactericidal lamps for indoor air disinfection.




Advantages

- 


Performance up to 120/280 m³/h

The high capacity of Med TeCo closed recirculators makes it an indispensable solution in the fight against viruses and bacteria in rooms with large crowds of people and high traffic
- 

Additional protection against UV radiation

The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator
- 

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people
- 

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-15/5



OBR-30/5

Technical specifications

Model	OBR-15/5	OBR-30/5
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	120	280
Number of fans	5	5
Service life of bactericidal lamp, h	9000	9000
Corrected sound power level (not more than), dBA	60	60
Power supply	220 V, 50 Hz	220 V, 50 Hz
Power consumption (not more than), VA	90	165
Overall dimensions of the irradiator, mm	510x161x630	510x161x1100
Weight of the irradiator (not more than), kg	8	12
Weight of the mobile platform*, kg	5,5	5,5
Bactericidal lamp service life timer	✓	✓

*supplied on request

OBR-30/6 bactericidal irradiator-recirculator

Closed type irradiators



sources
of radiation



digital
counter



certificate
of registration

Description

OBR-30/6-Med TeCo closed type bactericidal irradiator-recirculator with six ozone-free bactericidal lamps for indoor air disinfection.



Advantages

+1

Performance up to 340 m³/h

The high capacity of Med TeCo closed recirculators makes it an indispensable solution in the fight against viruses and bacteria in rooms with large crowds of people and high traffic

+2

Additional protection against UV radiation

The system of labyrinths, light-shielding partitions, provides reliable protection against radiation, which guarantees safe operation of the recirculator

+3

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people

+4

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-30/6

Technical specifications

Model	OBR-30/6
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp
Performance on flux (not less than), m³/hour	340
Number of fans	6
Service life of bactericidal lamp, h	9000
Corrected sound power level (not more than), dBA	60
Power supply	220 V, 50 Hz
Power consumption (not more than), VA	215
Overall dimensions of the irradiator, mm	303x228x1100
Weight of the irradiator (not more than), kg	12
Weight of the mobile platform*, kg	5,5
Bactericidal lamp service life timer	✓

*supplied on request

OBRK-30-2/1, OBRK-30-2/2, OBRK-2/3 bactericidal irradiator-recirculators

Combined type irradiators



digital
counter



certificate
of registration

Description

Combined type irradiator-recirculators are designed for air and surface disinfection of premises by ultraviolet bactericidal radiation.

Advantages

+1

3 modes of operation in one device

The combined type irradiator-recirculator can be operated in 3 independent modes: first mode - «Recirculator», second mode - «Irradiator», third mode - «Combined»

+3

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people

+2

Convenience of use

Irradiators are made in a strict metal ergonomic case, can be equipped with a cart, which provides convenient movement within the medical institution

+4

Motion sensor

If motion is detected in the area of exposure, the sensor automatically switches off the open-type UV lamps when operating in the «Irradiator» mode



OBRK-30-2/1



OBRK-30-2/2



OBRK-30-2/3

Technical specifications

Model	OBRK-30-2/1	OBRK-30-2/2	OBRK-30-2/3
Irradiation and air disinfection source	PHILIPS/OSRAM/ TIBERA bactericidal lamp	PHILIPS/OSRAM/ TIBERA bactericidal lamp	PHILIPS/OSRAM/ TIBERA bactericidal lamp
Performance in «Recirculator» mode (not less than), m³/hour	90	90	90
Performance in «Irradiator» mode (not less than), m³/hour	50	100	150
Performance in «Combined» mode (not less than), m³/hour	140	190	240
Number of irradiation sources in recirculator, pcs.	2	2	2
Number of irradiation sources in irradiator, pcs.	1	2	3
Number of fans	2	2	2
Service life of bactericidal lamp, h	9000	9000	9000
Corrected sound power level (not more than), dBA	45	45	45
Power supply	230 V, 50 Hz	230 V, 50 Hz	230 V, 50 Hz
Power consumption (not more than), VA	120	150	180
Overall dimensions of the irradiator, mm	246x176x1092	246x135x1092	246x176x1092
Weight of the irradiator (not more than), kg	5,9	6,1	6,3
Bactericidal lamp service life timer	✓	✓	✓

Ceiling type recirculators



OBR-P-Med TeCo is an air disinfection system consisting of a module with four bactericidal UV lamps, closed by a diffuser, equipped with a forced recirculation system.

Easy installation and putting into operation

OBR-P-Med TeCo is mounted in «Armstrong» or «Grillatio» ceiling systems instead of a standard ceiling cassette. The recirculator is immediately ready for operation and does not require special mounting

High performance 100 m³/h

The high capacity of OBR-P-Med TeCo makes it an indispensable solution in the fight against viruses and bacteria in rooms with large crowds of people and high traffic

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people

UV lamp service life is 9000 hours

Electronic circuit provides control over the operation of UV lamps and fans and outputs information on the digital display. Timer shows the remaining operation life



OBR-P

Technical specifications

Model	OBR-P
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp
Number of radiation sources	4x15 W
Bactericidal flux of the lamp, W	4,7/4,9/5,1
Service life of bactericidal lamp, h	9000
Number of fans	4
Performance on flux (not less than), m³/hour	100
Time for irradiators to reach the operating mode (not more than), sec	30
Continuous mode operation, (not less than), h	8
Timer setting range, h	0÷9999
Corrected sound power level (not more than), dBA	40
Power supply	220 V, 50 Hz
Power consumption (not more than), VA	90
Average service life, years	5
Weight (not more than), kg	6 – with diffuser, 5 – without diffuser

OBR-M ceiling type modular bactericidal irradiator-recirculator

Ceiling type recirculators



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1
source
of radiation
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digital
counter
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PY
certificate
of registration


Description


OBR-M-Med TeCo is an air disinfection system consisting of one or a combination of modules equipped with bactericidal UV lamp, with a forced recirculation system.




Advantages

- 

2 in 1: disinfection and lighting
The combination of the air disinfection unit and the LED unit allows the recirculator to be used as an additional source of room lighting
- 

Optimal performance 30/60 m³/h
The performance of one OBR-M-Med TeCo module is 30 m³/hour. The purchase of a set of two modules together with an LED insert makes the solution optimal for any room
- 

Easy installation and putting into operation
OBR-M-Med TeCo is mounted in «Armstrong» or «Grilliato» ceiling systems instead of a standard ceiling cassette. The recirculator is immediately ready for operation and does not require special mounting
- 

99.9% confirmed effectiveness
Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people



OBR-M

Technical specifications

Model	OBR-M *
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp
Number of radiation sources	1x15 W
Bactericidal flux of the lamp, W	4,7/4,9/5,1
Service life of bactericidal lamp, h	9000
Number of fans	1
Performance on flux (not less than), m³/hour	30
Timer setting range, h	0÷9999
Corrected sound power level (not more than), dBA	40
Power supply	220 V, 50 Hz
Power consumption (not more than), VA	30
Average service life, years	5
Weight (not more than), kg	2,5

*The OBR-M irradiator can be supplied in different design versions:
 OBR-Ml (left) / OBR-Mp (right) - installation in the left/right part of the ceiling section.
 OBR-M - installation in any part of the ceiling section; wall mounting is possible.
 OBR-Ml + OBR-Mp assembly, can be equipped with additional LED module.

OBR-S ceiling type bactericidal irradiator-recirculator

Ceiling type recirculators



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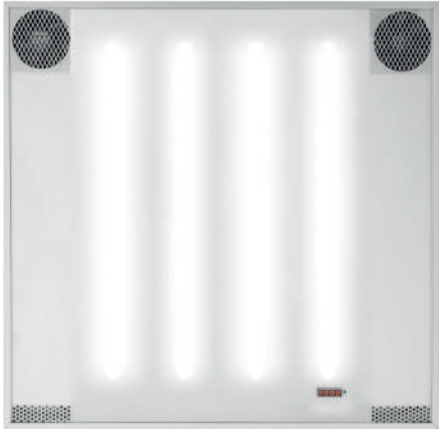
2
sources
of radiation
- 

digital
counter
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PY
certificate
of registration

Description


OBR-S-Med TeCo is an air disinfection system consisting of a recirculation module equipped with a forced ventilation system with two bactericidal UV lamps and LED module.




Advantages

- 


2 in 1: disinfection and lighting

The combination of the air disinfection unit and the LED unit allows the recirculator to be used as an additional source of room lighting
- 

Optimal performance 60 m³/h

The performance of OBR-S-Med TeCo irradiator-recirculator makes it an indispensable solution in the fight against viruses and bacteria in any premises and rooms
- 

Easy installation and putting into operation

OBR-S-Med TeCo is mounted in «Armstrong» or «Grillato» ceiling systems instead of a standard ceiling cassette. The recirculator is immediately ready for operation and does not require special mounting
- 

99.9% confirmed effectiveness

Recirculators have a certificate of registration, which allows its use for air disinfection in the premises of medical institutions of I-V categories both in the presence and absence of people



Technical specifications of the UV module

Model	OBR-S
Irradiation and air disinfection source	PHILIPS/OSRAM/TIBERA bactericidal lamp
Number of radiation sources	2x15 W
Bactericidal flux of the lamp, W	4,9/4,9/5,1
Service life of bactericidal lamp, h	9000
Number of fans	2
Performance on flux (not less than), m³/hour	60
Timer setting range, h	0÷9999
Corrected sound power level (not more than), dBA	40
Power supply	230 V, 50 Hz
Power consumption (not more than), VA	80
Average service life, years	5
Weight (not more than), kg	4,4

Technical specifications of the LED module

Diffuser	opal/ prism/microprism
Luminous flux, lm	not less than 1200
Color temperature, K	3800-6000

About us



Med TeCo is a Russian medical equipment brand since 2001, offering customers cutting-edge equipment of the highest quality for physiotherapy, low-temperature sterilization and air disinfection.

Med TeCo – medical equipment for a healthy life

Med TeCo is a synthesis of high technology, research and development and a great experience in manufacturing medical equipment. The company has its own manufacturing facilities, a pool of scientists and engineers to design and introduce high-tech equipment to the market. Over 70 types of medical equipment, some of which have no analogues in the Russian Federation, have been produced during two decades of successful work.

Med TeCo products have registration certificates of the Federal Service for Surveillance in Healthcare, RF and CE certificates, are manufactured in strict compliance with the highest requirements of Russian and international standards (QMS GOST R ISO 9001-2015 and GOST ISO 13485-2017).

Med TeCo medical equipment has been clinically tested in the leading medical institutions of Russia: N.N. Burdenko Main Military Clinical Hospital, I.M. Sechenov First Moscow State Medical University, A.A. Vishnevsky Central Military Clinical Hospital.

Med TeCo is a reliable partner in the Russian and global markets

To date, the company is one of the industry leaders in the development and sale of cutting-edge medical equipment to medical institutions across the country through a specialized dealer network. The deliveries are made all over the Russian Federation, as well as to Belarus, Kazakhstan, Uzbekistan, and Kyrgyzstan. The export deliveries to Eastern Europe, Southeast Asia, Latin America and India are being actively developed.

Notes





Med TeCo
medical equipment

+7 (495) 586-73-00
sale@medteco.ru



www.medteco.ru

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