

xenon halogen led xenon halogen led xenon halogen led



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LIGHT SOURCE

XENON LIGHT SOURCE 180W / 300W

- **Low noise, low heat conduction**
- Electronical light control via buttons
- Simple lamp replacement
- Waterproof touch control panel



XENON LIGHT SOURCE 180W / 300W

Series	Description
Single Version:	
Xenon X 180-M	180 Watt xenon lamp, Storz adapter, manual light intensity control
Xenon X 180-A	180 Watt xenon lamp, Storz adapter, automatic light intensity control
Xenon X 300-M	300 Watt xenon lamp, Storz adapter, manual light intensity control
Xenon X 300-A	300 Watt xenon lamp, Storz adapter, automatic light intensity control
Xenon X 300-AT	300 Watt xenon lamp, turret adapter, automatic light intensity control
Backup version:	
Xenon X300A-LED	300 Watt xenon lamp, Backup LED lamp, 2x Storz adapter automatic light intensity control
Xenon X300M-LED	300 Watt xenon lamp, Backup LED lamp, 2x Storz adapter manual light intensity control
Xenon X300AT-LED	300 Watt xenon lamp, Backup LED lamp, 2x turret adapter automatic light intensity control

Technical Data

Lamp:	Main: • Xenon arc lamp: 180 W / 300 W • Daylight quality, 5600 K • Lifetime: 500 hr (expected) Backup (optional): • White LED lamp • Daylight quality, 6500 K • Lifetime: > 20.000 hr
Light guide connection:	• Storz, Wolf, Olympus or turret adapter
Voltage range (current consumption):	• 100-240 V (180W light source: 210 VA / 300W light source: 370 VA)
Frequency:	• 50-60 Hz
Device protection:	• 2x T6,3 A
Video In (optional):	• 1x Video (automatic Version only)
Protection class (acc.to IEC 60601-1):	• I
Safety class:	• BF
IP code:	• 20
Standard:	• IEC 60601-1-2
Device classification (acc. to MDD 93/42/EEC):	• I
Dimensions (WxHxD):	• 355mm x 120mm x 340mm
Weight:	• approx. 11,0 kg (180W) / approx. 12,5 kg (300W)
Delivery contains:	• Light source, mains cable, user manual, BNC cable (optional)
Options:	• Automatic light intensity control • Backup LED lamp • Multi connector option, turret:

Wolf



ACMI



Olympus



Storz

Ø max. 5,9mm



min. 4mm

Exclusively pictured version!

LIGHTSOURCE

LED 3000 - HIGH INTENSITY LIGHTSOURCE

- PHASER Technology Included
- Turret multi connector (optional)
- **Low noise, low heat conduction**
- Pure daylight quality



LIGHTSOURCE

LED 3000 - HIGH INTENSITY LIGHTSOURCE

Series

LED 3000	Storz adapter, automatic light intensity control
LED 3000	Wolf adapter, automatic light intensity control
LED 3000	Olympus adapter, automatic light intensity control
LED 3000 T	Turret adapter, automatic light intensity control

Technical Data

Light guide connection:

• Storz, (standard connection):



• Turret, multi connector (optional):

Wolf



ACMI



Olympus



Storz

Ø max. 5,9mm



min. 4mm

Exclusively pictured version!



Lamp

- Daylight quality, 6000 K (+/-500 K)
- Lifetime: ≤30.000 hr

Voltage range (current consumption):

- 100-240 V (130 VA)

Frequency:

- 50-60 Hz

Device protection:

- 2x T6,3 A

Video In:

- 1x Video

Protection class (acc.to IEC 60601-1):

- I

Safety class:

- BF

IP code:

- 20

Standard:

- IEC 60601-1-2

Device classification (acc. to MDD 93/42/EEC):

- I

Dimensions (WxHxD):

- 355mm x 120mm x 340mm

Weight:

- approx. 10 kg

Delivery contains:

- Light source, mains cable, user manual, BNC cable

LIGHTSOURCE

LED 1800 / LED 2500 - HIGH INTENSITY LIGHTSOURCE

- Low noise, low heat conduction
- Electronical light control via buttons
- Pure daylight quality



LIGHTSOURCE

LED 1800 / LED 2500 - HIGH INTENSITY LIGHTSOURCE

Series	Description
LED 1800 / 2500	Storz adapter, automatic light intensity control
Technical Data	
LED module:	LED 2500: • LED CRI 70, Daylight quality, approx. 6500 K • Lifetime: > 20.000 hr LED 1800: • LED CRI 90, Daylight quality, approx. 5700 K • Lifetime: > 20.000 hr
Light guide connection:	• Storz, Wolf
Voltage range (current consumption):	• 100-240 V (130 VA)
Frequency:	• 50-60 Hz
Device protection:	• 2x T3,15 A
Video In:	• 1x Video, BNC
Other connections:	• Service (RJ45)
Protection class (acc.to IEC 60601-1):	• I
Safety class:	• BF
IP code:	• 20
Standard:	• IEC 60601-1-2
Device classification (acc. to MDD 93/42/EEC):	• I
Dimensions (WxHxD):	• (WxHxD) 360 x 124 x 335 mm
Weight:	• approx. 5 kg
Delivery contains:	• Light source, mains cable, user manual, BNC cable (optional)

LIGHT SOURCE
HALOGEN HL 150

- Small compact design
- Exchangeable lightguide adapter
- Mechanical diaphragm
- Low heat conduction

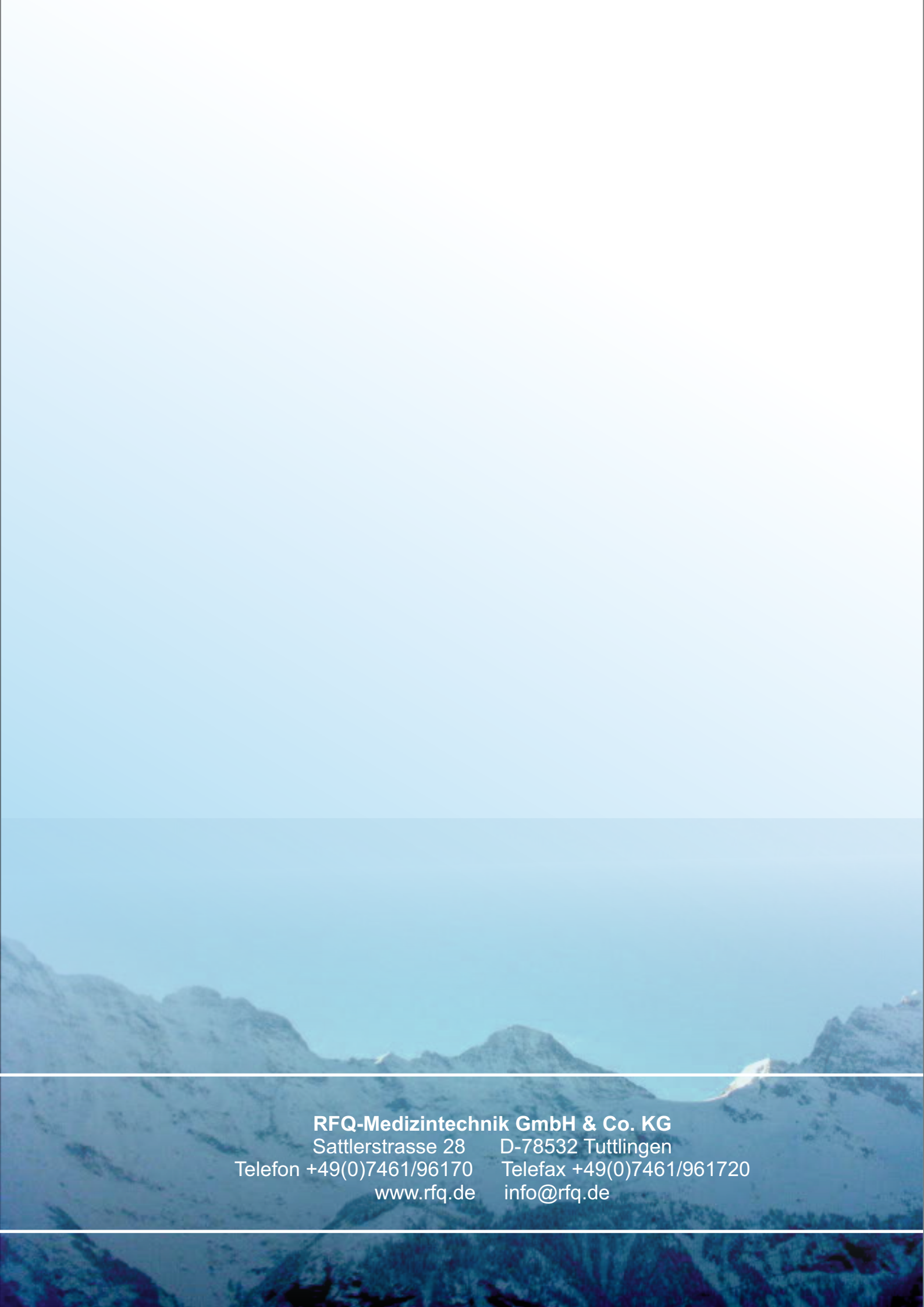


LIGHT SOURCE

HALOGEN HL 150

Technical Data

Lamp:	· 150 W (1 Halogen reflector lamp), 15 V
Light guide connection:	· Storz, Wolf, Olympus, ACMI
Intensity control:	· Stepless, mechanical diaphragm
System:	· Power supply: 115/230 V (+/- 10%) switchable · Fine fuses: 5x20mm (230 V: T1,6 A 115 V: T3,15 A) · Power consumption: max. 190 VA
Protection class (acc.to IEC 60601-1):	· I
Safety class:	· BF
IP code:	· 20
Standard:	· IEC 60601-1-2
Device classification (acc. to MDD 93/42/EEC):	· I
Dimensions (WxHxD):	· 175mm x 82,5mm x 202mm
Weight:	· approx. 2,5 kg
Delivery contains:	· Light source, mains cable, user manual



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