

Arthrex Power Systems AR-200

Fast Facts | FF1-000000-en-US_A



The Arthrex AR-200 power system is a corded power unit that includes a handpiece, foot pedal, and integrated fluid irrigation pump.

This system is extremely versatile and can be used with a burr attachment to perform percutaneous or minimally invasive procedures. In addition, the system is compatible with all AR-300 attachments, making it a fully functioning corded power unit capable of meeting the needs for a variety of orthopedic procedures.

Key Features

- Modular motor for drilling, reaming, and sawing
- AR-200M can be used with all DrillSaw Mini 300™ attachments
- Automatic detection of motor handpiece AR-200M or AR-200M-ISO
- Perfect system for percutaneous surgery
- AR-200M-ISO can be used with all instruments that have an ISO connection
- Small, lightweight motor handpiece operates at speeds up to 40,000 rpm (AR-200M-ISO)
- Motor with cable is sterilizable (135°C)
- Integrated fluid pump

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Attachments

All AR-300 attachments can be used

- Quick-connect drill and ream attachments for all major fittings

Small AO, shaft 2.35 mm, mini AO

- Keyed, keyless, and hybrid chucks

Accepts up to ¼ inches in diameter

- Sagittal saw attachment

Easy-to-index saw head in 45° increments

- Pin driver

Accommodates wire and pin sizes 0.6 mm to 2.4 mm without adjustment

- High-speed burr attachment

- Tightest tolerances allow for precise cuts

Product Description	Item Number
Saw attachment sagittal	AR-300SAG
Saw attachment, reciprocating	AR-300SR
Burr attachment, 2.35 mm	AR-300B
Drill attachment, 2.35 mm	AR-300B-2
Drill attachment, style AO	AR-300DAO-2
Drill Jacobs chuck hybrid, 0 mm-5 mm	AR-300DJH
Drill Jacobs chuck, 0 mm-4 mm	AR-300DJ
Drill keyless chuck, 0 mm-4 mm	AR-300DK30
Drill keyless chuck, 2 mm-4.5 mm	AR-300DK45
Reamer attachment, style AO	AR-300RAO
Reamer Jacobs chuck, 0 mm-4 mm	AR-300RJ
Wire driver attachment, 0.6 mm -1.6 mm	AR-300WD16
Pin driver attachment, 1 mm-2.4 mm	AR-300PD24

Attachment Data

- Saw speed: 15,000 cpm
- Drill speed: 2750 rpm/1300 rpm
- Ream speed: 500 rpm

Indications

- Percutaneous surgery
- Sport and trauma
- Foot and ankle
- Small bone surgery

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Technical Data

1.1 Console AR-200C

Console (AR-200C) Specifications

Width	256 mm
Height	109 mm
Depth	305 mm
Weight	7 kg
Maximum Flow Rate	≥ 90 mL/min
Power Supply	110-130 V/220-240 V, 50/60 Hz, 0.1-1.8A/0.1-0.9A
Main Fuse	2 × 250 V – T1.6AH
Cleaning	Refer to User's Guide section 6.0 Cleaning and Disinfecting
Sterilization	No
Pollution Level	2
Overvoltage Category	II
Altitude	Up to 3000 m above sea level

Ambient Conditions for Operation

Temperature	10°C to 40°C
Relative Humidity	15% to 80% (relative), noncondensing

Ambient Conditions for Storage (in shipping packaging)

Temperature	-40°C to + 70°C
Relative Humidity	8% to 80% (relative), noncondensing
Atmospheric Pressure	860-1060 hPa

1.2 Foot Control Unit

Foot Control Unit (S-N1) Specifications

Width	207 mm
Height	45 mm
Depth	198 mm
Weight	1.15 kg
Cable Length	3.5 m
Cleaning	Surface cleaning with mild detergent
Sterilization	No
Protection	IPX8, 1 m depth of immersion, 1 hour (watertight in accordance with IEC 60529)

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1.3 Motor AR-200M

Motor AR-200M Specifications

Diameter	26.3 mm
Length	96 mm
Weight	0.42 kg
Speed	300 - 15000 rpm
Torque	7 Ncm
Cable Length	3.5 m
Mode of Operation	Noncontinuous
Applied Part Type	Type BF
Duty Cycle	30 sec ON, 60 sec OFF



1.4 Motor AR-200M-ISO

Motor AR-200M-ISO Specifications

Diameter	23 mm
Length	112 mm
Weight	0.38 kg
Speed	300-40,000 rpm
Torque	7 Ncm
Length in Cable	3.5 m
Mode of Operation	Non-continuous
Applied Part Type	Type BF
Duty Cycle	30 sec ON, 60 sec OFF

