

# Overview Surgical Suction



MedizinTechnik



**MEDAP TWISTA  
SP 1070**



**ATMOS Record 55**



**ATMOS S 351 OT**



**MEDAP BORA UP  
2080 (OP)**



**ATMOS C 451**



**ATMOS C 361**

**TECHNICAL DATA**

Max. suction capacity	58 ± 6 l/min (50 Hz) 68 ± 7 l/min (60 Hz)	55 ± 3 l/min	36 ± 2 l/min	Approx. 42 l/min	45 +3/-5 l/min	36 ± 4 l/min
Max. vacuum at sea level	-90 kPa -900 mbar -675 mmHg	-98 kPa -980 mbar -735 mmHg	-90 kPa -900 mbar -675 mmHg	-90 kPa -900 mbar -675 mmHg	-91 kPa -910 mbar -683 mmHg	-91 kPa -910 mbar -683 mmHg
Vacuum adjustment	Infinitely variable	Infinitely variable	Steps: 1 kPa, 10 mbar, 7 mmHg	Infinitely variable	Infinitely variable	Infinitely variable
Operating mode	Continuous operation	Continuous operation	Continuous operation	Continuous operation	Continuous operation	Continuous operation
Voltage	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz	230 V~, 50/60 Hz
Dimensions (H x W x D) • with trolley	1000 x 560 x 500 mm -	940 x 500 x 390 mm -	300 x 330 x 200 mm 840 x 490 x 520 mm	310 x 360 x 310 mm 1160 x 500 x 520 mm	330 x 240 x 360 mm 1010 x 360 x 440 mm	330 x 240 x 360 mm 900 x 410 x 450 mm
Weight • with trolley	Approx. 26 kg -	24 kg -	10.2 kg 24.7 kg	Approx. 11 kg Approx. 24 kg	6.7 kg 14.3 kg	6.3 kg 10.5 kg
Noise level	53 dB(A)	39 dB(A)	< 54 dB(A)	50.5 dB(A)	≤ 48 dB(A)	< 50 dB(A)
Mobility						
• Carrying	-	-	✓	✓	✓	✓
• Pushing	✓	✓	✓ (with trolley)	✓ (with trolley)	✓ (with trolley)	✓ (with trolley)
• Mounting on equipment rail	-	-	-	✓	✓ (with device support)	✓ (with device support)
Trolley	✓	✓	Optional	Optional	Optional	Optional
Device support	-	-	-	✓	Optional	Optional
Secretion canisters	Reusable (up to 4 l) Disposable (up to 3 l)	Reusable (up to 5 l) Disposable (up to 3 l)	Reusable (up to 4 l) Disposable (up to 3 l)	Reusable (up to 4 l) Disposable (up to 3 l)	Reusable (up to 5 l) Disposable (up to 3 l)	Reusable (up to 4 l) Disposable (up to 3 l)
Secretion canisters • max. no. and size	4 x 3 l or 4 x 4 l	4 x 3 l or 2 x 5 l	Carry version: 1 x 1.5 l Trolley version: 2 x 4 l	Carry version: 1 x 2 l Trolley version: 4 x 4 l	Carry version: 1 x 3 l Trolley version: 2 x 5 l	Carry version: 1 x 3 l Trolley version: 2 x 4 l
Foot switch	✓	Optional	-	✓ (OP version)	Optional	-
Foot controller	-	Optional	Optional	-	Optional	-
Level sensor	-	-	✓	-	-	-
Automatic start/stop	-	-	✓	-	-	-
Suction nozzle contact sensor	-	-	✓	-	-	-
Intermittent suction function	-	-	✓	-	-	-

**AREAS OF APPLICATION**

Operations/surgery	✓	✓	✓	✓	✓	✓
Intensive care unit	✗	✗	✗	○	○	○
Normal ward	✗	✗	✗	○	○	○
Outpatient surgery centre	✓	✓	✓	✓	✓	✓
Doctor's practice	○	○	○	✓	✓	✓
Dental/orthodontic practice	✓	✓	○	✓	✓	○
OMS surgery	✓	✓	○	○	✓	✗
ENT practice	✓	✓	○	✓	✓	○

✓ = Specially suited    ○ = Possible    ✗ = Not suitable

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