



PowerDrive *ART1*

The universal motor system
for orthopaedics and traumatology

PowerDrive ART1

The universal motor system



PowerDrive ART1 generator 2304

Double-pedal footswitch

PowerDrive ART1 generator 2304

Universal device console for connection of motorised shavers, drills and saws. Ordering data including network cable, CAN bus connecting cable and packaging.

Power supply 230 V	
50/60 Hz	2304.0011
Power supply 100 V	
50/60 Hz	2304.0021
Power supply 110 V	
50/60 Hz	2304.0041
Power supply 115 V	
50/60 Hz	2304.0061
Power supply 120 V (USA)	
50/60 Hz	2304.0071
Power supply 127 V	
50/60 Hz	2304.0121
Power supply 240 V	
50/60 Hz	2304.0141

Double-pedal footswitch2304.901

Automatic handpiece, knife and burr detection

Detection of all motorised handpieces and tools when connected to the device console and preselection of the optimum application parameters

Automatic user memory

Memory for user-specific parameters (rotational speed, torque, oscillation, language, display setting)

Memory for shaver tool

Recording of time in use and frequency of use for reusable shaver tool

Acromionizer

Type number: 89975.0553
 Mating cycles: 1
 Operating hours: 0:00:00 h
 Minimum rpm: 500 min⁻¹
 Tool rpm: 3000 min⁻¹
 Direction of rotation: right
 Maximum rpm: 16000 min⁻¹



Default settings

Dr. Bones

Dr. Kratochwill

Dr. Müller

NEW



Acromionizer

Type number: 89975.0553
 Mating cycles: 1
 Operating hours: 0:00:00 h



Accessories for Power Stick M5/0 and M5/3








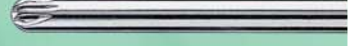




Reusable cutting instruments and burrs

M5/0 89955.0000 • M5/3 89955.0003
Large interface

Reusable	Name	2 mm Ø	3.5 mm Ø	4.5 mm Ø	5.5 mm Ø	8 mm Ø
	Resector, toothed	89975.0032	89975.0033	89975.0034	89975.0035	
	Resector, oval		89975.0113	89975.0114	89975.0115	
	Resector, curved convex		89975.0253	89975.0254	89975.0255	
	Resector, curved concave		89975.0263	89975.0264	89975.0265	
	Resector, aggressive		89975.0333	89975.0334		
	Shaver-cutter		89975.0403	89975.0404		
	Whisker		89975.0473	89975.0474		
	End cutter		89975.0493	89975.0494		
	Ball burr with guard		89975.0503	89975.0504	89975.0505	
	Ball burr without guard				89975.0516	
	Burr oval, acromionizer		89975.0553		89975.0555	89975.0558

Accessories for Power Stick M5/0 and M5/3

Disposable cutting instruments and burs

M5/0 89955.0000 • M5/3 89955.0003 Large interface (pack of 5)					
Disposable	Name	3.5 mm Ø	4.5 mm Ø	5.5 mm Ø	8 mm Ø
	Resector, smooth	49975.0003	49975.0004	49975.0005	
	Resector, toothed	49975.0033	49975.0034	49975.0035	
	Resector, oval	49975.0113	49975.0114	49975.0115	
	Resector, curved convex	49975.0253	49975.0254	49975.0255	
	Resector, curved concave	49975.0263	49975.0264	49975.0265	
	Resector, aggressive	49975.0333	49975.0334	49975.0335	
	Shaver-cutter	49975.0403	49975.0404		
	Whisker		49975.0474		
	End cutter	49975.0493	49975.0494		
	Ball burr with guard		49975.0504		
	Ball burr without guard			49975.0516	
	Burr oval, acromionizer	49975.0553		49975.0555	49975.0558

Micro Stick S1

with small tool interface

Micro Stick S189951.0001



- Miniature shaver handpiece for small joints
- Speed up to 3000 rpm
- Shaver tool from Ø 2 mm to Ø 5.5 mm

Accessories for S1 89951.0001 Small interface

	Name	Reusable			Disposable (pack of 5)		
		2 mm Ø	3,5 mm Ø	4,5 mm Ø	2 mm Ø	3,5 mm Ø	4,5 mm Ø
	Resector	89971.0032	89971.0033	89971.0034	49971.0032	49971.0033	49971.0034
	Resector, oval		89971.0113	89971.0114		49971.0113	49971.0114
	Resector, curved convex			89971.0254			49971.0254
	Resector, curved concave			89971.0264			49971.0264
	Ball burr with guard		89971.0503			49971.0503	
	Burr oval, acromionizer					49971.0553	

Power Drill M1




Accessories (drill chucks / drills / wires)



Power Drill M1 handpiece

Power Drill M189950.0000
Universal connecting cable8564.851

Drill chucks

	Name	Ø mm	Types
	Kirschner drill chuck	1.8 - 3.2	89950.0400
		0.6 - 1.6	89950.0500
	Jakobs drill chuck	0 - 4	89950.0600
	Drill chuck, keyless	0 - 6.35	89950.0300

Kirschner wires

Name	Wire length mm	Ø mm	Types	Name	Wire length mm	Ø mm	Types
Surgery wire	70	0.8	82960.2208	Surgery wire	150	1.5	82960.2415
Surgery wire	70	1.0	82960.2210	Alignment wire with eye	300	2.5	89960.1025
Surgery wire	150	0.8	82960.2408	Alignment wire with eye	420	2.5	89960.1125
Surgery wire	150	1.0	82960.2410				
Surgery wire	150	1.2	82960.2412				

Drill (cylindrical shank) for 89950.0300 and 89950.0600



Name	Ø mm	Total length mm	Spiral length mm	Types	Ø mm	Total length mm	Spiral length mm	Types
Drill	1.5	70	22	49970.1501	3.5	180	50	49970.3508
Drill	2.0	85	50	49970.2002	4.0	155	50	49970.3509
Drill	2.5	95	50	49970.2503	4.5	155	50	49970.3510
Drill	2.7	85	50	49970.2704	4.5	180	50	49970.3511
Drill	3.2	130	50	49970.3205	4.8	127	50	49970.3512
Drill	3.2	180	50	49970.3206	5.0	180	50	49970.3513
Drill	3.5	95	50	49970.3507				

PowerDrive ART1

The universal motor system

Optional control options



1. footswitch

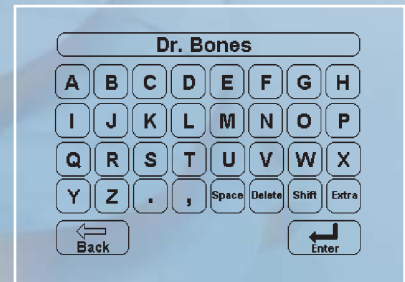


2. handpiece

Service friendly

Replaceable universal connecting cable for all motorised handpieces

Touch screen display



Power Stick M5/0 • Power Stick M5/3 HighSpeed

Shaver handle with large tool interface

Power Stick M5/3



Power Stick M5/0



Power Stick M5/0	89955.0000
Power Stick M5/3	89955.0003
Universal connecting cable.....	8564.851

- HighSpeed shaver handpiece with or without hand-held control unit
- Speeds up to 16000 rpm
- Shaver tools from Ø 2 mm to Ø 8 mm

Power Drill M1


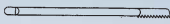
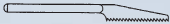
Accessories (saw attachments and saws)






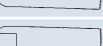
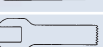
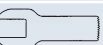






Power Drill M1 handpiece

Saw attachments		
	Name	Types
	Reciprocal saw attachment	89950.0100
	Sagittal saw attachment	89950.0200

Power Drill M1	89950.0000
Universal connecting cable	8564.851

Saw blades reciprocal					
	Name	Blade thickness mm	Cut width mm	Shank type	Types
	Saw blade reciprocal	0.38	25	flat	49970.2504
	Saw blade reciprocal	0.64	16	round	49970.1611
	Saw blade reciprocal	0.64	25	round	49970.2513

Saw blades sagittal							
	Name	Blade thickness mm	Cut thickness mm	Working length mm	Tooth pitch	Blade width mm	Types
	Saw blade sagittal	0.4	0.7	23	1.0 (26)	10.4	49970.0410
	Saw blade sagittal	0.4	0.7	11	1.1 (23)	10	49970.0411
	Saw blade sagittal	0.4	0.7	11	1.15 (22)	6.4	49970.0412
	Saw blade sagittal	0.4	0.7	11	1.1 (23)	6.4	49970.0413
	Saw blade sagittal	0.4	0.7	11	1.15 (22)	10	49970.0414
	Saw blade sagittal	0.4	0.7	44	1.15 (22)	19	49970.0416
	Saw blade sagittal	0.4	0.7	44	1.15 (22)	17	49970.0418
	Saw blade sagittal	0.4	0.7	33	1.34 (19)	10	49970.0419
	Saw blade sagittal (connecting tooth)	0.7	1.0	23	1.0 (26)	10.4	49970.0710
	Saw blade sagittal	0.7	1.0	23	1.0 (26)	10.4	49970.0711
	Saw blade sagittal	0.7	1.0	14	1.15 (22)	6.4	49970.0712
	Saw blade sagittal	0.7	1.0	11	1.1 (23)	6.4	49970.0713