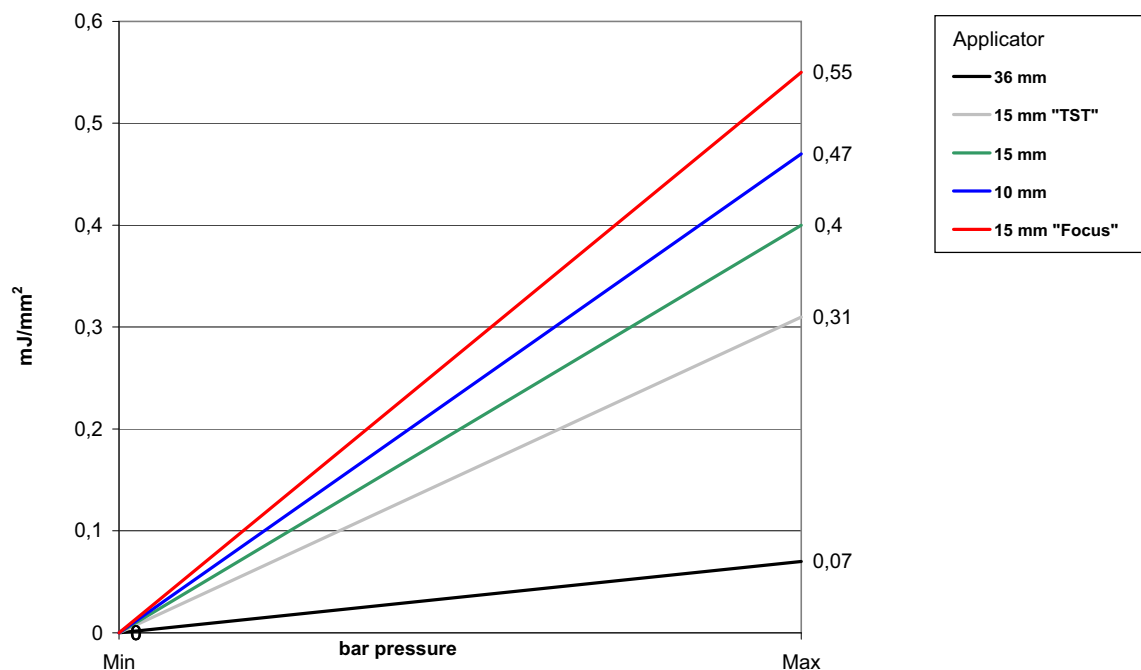
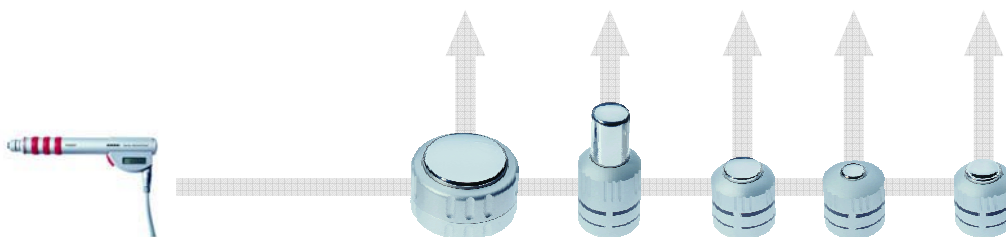


Swiss DolorClast® - ESWT-POWER⁺ - HANDPIECE



Physical means	Label	36 mm*	15 mm Trigger*	15 mm*	10 mm*	15 mm Focus*	Unit
Max positive pressure	P_{+max}	7,6	12	16,1	19,9	19,2	MPa
Max negative pressure	P_{-max}	-7,6	-9,2	-8,6	-8,2	-10,2	MPa
Max. positive energy flux density	ED_{+max}	0,07	0,31	0,4	0,47	0,55	mJ/mm ²
Rise time	t_r	2,97	3,4	2,6	2,5	2,4	µs
Half width positive peak	τ	2,48	3,8	2,4	2,4	2,4	µs
-6dB focus x,y	fx/y_{-6dB}	32,7	12,6	11,3	8,3	10,6	mm
-6dB focus z	fz_{-6dB}	18,5	4,4	7,8	4,5	7,3	mm
-6dB focus volume	V_{foc}	1708	118	200	73	160	mm ³
5 Mpa focus x,y	fx/y_{5MPa}	10	7,4	8	4,9	8,3	mm
5 Mpa focus z	fz_{5MPa}	10,3	10,1	19,5	12,8	20,9	mm
Positive pressure 5 mm x,y	$P_{+x,y 5mm}$	5,3	7,2	8,2	-	7,5	Mpa
Positive pressure 5 mm z	$P_{+z 5mm}$	6	6,9	10,3	8,6	11,7	Mpa
Positive total energy	E	34,2	18,2	23,7	10,2	26,8	mJ/pulse
Positive total energy in the -6dB focus	E_{-6dB}	32,0	13,5	15,9	10,2	19,1	mJ/pulse
Maximum penetration depth		25	35	40	43	45	mm



FA-263/EN

*Data origin: EMS Physical Laboratory

DATA SHEET - POWER⁺

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