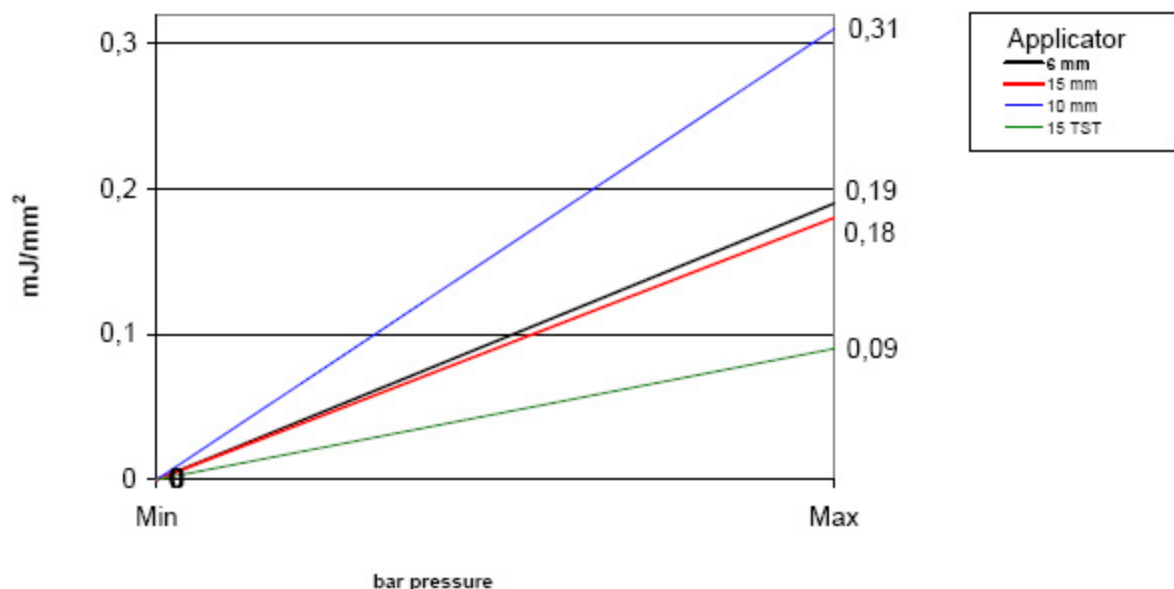
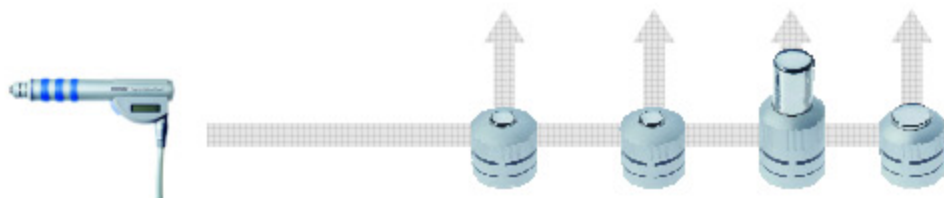


Swiss DolorClast® - STANDARD - HANDPIECE



Physical means	Label	6 mm *	10 mm	15 mm TST	15 mm *	Unit
Max positive pressure	P_{+max}	12,3	17,1	7,6	11,9	Mpa
Max negative pressure	P_{-max}	-12	-4,4	-7,7	-6,9	Mpa
Max. positive energy flux density	ED_{max}	0,19	0,31	0,09	0,18	mJ/mm ²
Rise time	t_r	1,65	2,3	2,9	3	µs
Half width positive peak	t_w	2,1	2,2	2,3	2,6	µs
-6dB focus x,y	$f_{x/y -6dB}$	4,6	6,9	15	8	mm
-6dB focus z	$f_z -6dB$	3	3,9	5,8	8	mm
-6dB focus volume	V_{foc}	33	55	150	268	mm ³
5 Mpa focus x,y	$f_{x/y 5Mpa}$	6,2	5,1	7,8	9,2	mm
5 Mpa focus z	$f_z 5Mpa$	4,2	9,4	3	10,7	mm
Positive pressure 5 mm x,y	$P_{+x,y 5mm}$	-	5,0	4,8	4,14	MPa
Positive pressure 5 mm z	$P_{+z 5mm}$	4,6	7,8	4,5	7,4	Mpa
Positive total energy	E_{+}	2,2	6,7	5,9	6,6	mJ/pulse
Positive total energy in the -6dB focus	E_{-6dB}	1,3	5,5	3,4	5,4	mJ/pulse
Maximum penetration depth		25	25	25	35	mm



* Data origin: Universität Stuttgart, 1. Physikalisches Institut, Prof. Dr. W. Ebermeyer