

OVERVIEW OF A-CONSTANTS FOR ULTRASOUND AND IOL-MASTER

MODEL		A-CONST. FROM MANUFACTURER (ESTIMATED)		OPTIMIZED IOL CONSTANTS FOR THE ZEISS IOL-MASTER				
		A-CONST. ULTRASOUND	A-CONST. IOL-MASTER	HAIGIS	HOFFERQ (PACD)	HOLLADAY (SURGEON FACTOR)	SRK/T	SRK II
ASPIRA®	ASPIRA® -aA(Y) / MC 6125 AS(-Y)	118.1	118.4	a ₀ =0.885 a ₁ =0.312 a ₂ =0.125	5.36	sf=1.60	118.7	119.1
	ASPIRA® -aXA / MC X11 ASP	118.0	118.3	a ₀ =1.59 a ₁ =0.4 a ₂ =0.1	5.85	sf=2.08	119.4	119.8
	ASPIRA® -aQA / MC 6105	118.4	118.7	a ₀ =1.297 a ₁ =0.4 a ₂ =0.1	5.23	sf=1.66	119.1	119.1
	AS / MC 5812 AS	118.1	118.4	a ₀ =0.885 a ₁ =0.312 a ₂ =0.125	5.36	sf=1.60	118.7	119.1
ASPIRA® 3P	ASPIRA® 3P -sSA / MS 614 ASP	117.7	118.0	a ₀ =1.277 a ₁ =0.4 a ₂ =0.1	4.96	sf=1.22	118.4	118.7
TORICA®	TORICA® -aA(Y) / MC 6125 T(-Y)	118.1	118.4	a ₀ =0.885 a ₁ =0.312 a ₂ =0.125	5.36	sf=1.60	118.7	119.1
	TORICA® -s / MS 6116 TU	118.3	118.6	a ₀ =0.416 a ₁ =0.167 a ₂ =0.172	5.54	sf=1.78	119.0	119.3
	TORICA® -sS / MS 614 T	117.7	118.0	a ₀ =1.277 a ₁ =0.4 a ₂ =0.1	4.96	sf=1.22	118.4	118.7
DIFFRACTIVA®	DIFF-aA(Y) / MC 6125 Diff (DAY)	118.1	118.4	a ₀ =0.885 a ₁ =0.312 a ₂ =0.125	5.36	sf=1.60	118.7	119.1
	DIFF-sS / MS 614 Diff	117.7	118.0	a ₀ =1.277 a ₁ =0.4 a ₂ =0.1	4.96	sf=1.22	118.4	118.7
	TORICADIFF-aA(Y)	118.1	118.4	a ₀ =0.885 a ₁ =0.312 a ₂ =0.125	5.36	sf=1.60	118.7	119.1
MICROPLEX®	PM 555 / MP 2125	117.9	118.2	a ₀ =1.34 a ₁ =0.4 a ₂ =0.1	5.57	sf=1.79	119.0	119.0
	PM 613 A / MP VK 400	115.6	115.9	a ₀ =-0.034 a ₁ =0.4 a ₂ =0.1	3.74	sf=0.03	115.9	115.9

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