

# TECHNICAL DATA SHEET

## SIROS S



Siros 400 S WiFi / RFS 2 | 31.623.XX



Siros 800 S WiFi / RFS 2 | 31.643.XX

Flash energy		400 J / WS	800 J / WS
f-stop at 2m, 100 ISO	with reflector L40 with reflector P70	22 $\frac{5}{10}$ 32 $\frac{5}{10}$	32 $\frac{8}{10}$ 45 $\frac{6}{10}$
Flash duration t 0.1 (t 0.5)	min. energy max. energy	1 / 6500 s (1 / 13000 s) 1 / 1000 s (1 / 2200 s)	1 / 4000 s (1 / 8000 s) 1 / 500 s (1 / 1100 s)
Speed mode (flash times)		Stage t 0.1 (t 0.5) – Speed mode	Stage t 0.1 (t 0.5) – Speed mode
		2 (1 J) 1/8'500 s (1/19'000 s) 3 (3 J) 1/8'500 s (1/17'000 s) 4 (6 J) 1/8'000 s (1/17'000 s) 5 (12 J) 1/8'000 s (1/17'000 s) 6 (25 J) 1/7'500 s (1/15'000 s) 7 (50 J) 1/6'500 s (1/10'000 s) 8 (100 J) 1/4'000 s (1/6'000 s) 9 (200 J) 1/2'500 s (1/3'000 s) 10 (400 J) 1/700 s (1/2'100 s)	2 (3 J) 1/8'500 s (1/19'000 s) 3 (6 J) 1/8'000 s (1/18'000 s) 4 (13 J) 1/8'000 s (1/17'000 s) 5 (25 J) 1/8'000 s (1/15'000 s) 6 (50 J) 1/7'500 s (1/13'000 s) 7 (100 J) 1/4'000 s (1/7'000 s) 8 (200 J) 1/3'000 s (1/4'000 s) 9 (400 J) 1/1'500 s (1/1'700 s) 10 (800 J) 1/350 s (1/1'000 s)
Charging time (100 % of selected energy)	230 V / 50 Hz 120 V / 60 Hz 100 V / 50 Hz	0.02 – 0.95 s 0.02 – 0.95 s 0.02 – 1.4 s	0.07 – 1.9 s 0.04 – 1.9 s 0.08 – 2.9 s
Setting range for flash energy		2 – 400 J / WS	Over 9 f-stops, in steps of 1/10 or full f-stops 4 – 800 J / WS
Colour temperature	Max. energy / P70	ECTC technology (Enhanced Colour Temperature Control) for constant colour temperature - in speed mode ECTC is disabled.	
Connection data		Adapts automatically to 100 – 120 V / 50 – 60 Hz mains voltage: 5.5 A, 200 – 240 V / 50 – 60 Hz: 3.5 A Operation independent of mains possible with external battery converter	
Modelling light		Halogen max. 300 W / 120 V, adjustable: off, full or proportional to flash energy	
Flash release		Manual release button, photocell, sync cable, with a built-in broncolor RFS 2 receiver	
Remote control		Using "bronControl" app for mobile devices or RFS 2.1 / RFS 2.2 transmitter	
Ready indicator		Visual and acoustic (can be switched off)	
Extra functions		Sequences (flash series) up to 50 flashes Integral umbrella mounting and integral umbrella reflector Speed mode for fastest flash times USB connection for software updates Thermal monitoring of power electronics Internal discharge for output reduction	Sequences (flash series) up to 50 flashes Integral umbrella mounting and integral umbrella reflector Speed mode for fastest flash times USB connection for software updates Thermal monitoring of power electronics Internal discharge for output reduction HS mode for use with fast shutter speeds (flash power level 4 to 10 only)

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Cooling

Fan, temperature controlled

Standards

EN 60065 / EN 61000-4-2  
EN 55015  
EN 301489-1 / EN 301489-3  
ISO10330

Dimensions (l × w × h)

32 × 13 × 18 cm (12.6 × 5.1 × 7.1")

Weight

3.2 kg (7.1 lbs)

3.6 kg (7.9 lbs)