

TECHNICAL DATA SHEET



Scoro S 1600 RFS | 31.041.XX
Scoro S 1600 RFS 2 | 31.044.XX

Scoro S 3200 RFS | 31.043.XX
Scoro S 3200 RFS 2 | 31.045.XX

	Normal mode	Normal mode
Flash energy	1600 J	3200 J
f-stop at 2 m, 100 ISO, reflector P70	64 2/10	90 2/10
Flash duration t 0.1 / t 0.5 *		
fastest	1/10'000 s / 1/14'000 s	1/10'000 s / 1/14'000 s
max. energy	1/265 s / 1/760 s	1/132 s / 1/390 s
Chargin time (min.-max. energy)		
at 230 V	0,02 - 0,6 s	0,02 - 1,3 s
at 120 V	0,02 - 1,0 s	0,02 - 2,0 s
at 100 V	0,02 - 1,1 s	0,02 - 2,2 s
	Switchable to slow charge	Switchable to slow charge
	Speed mode	Speed mode
Flash energy	1200 J	2400 J
f-stop at 2 m, 100 ISO, reflector P70	45 9/10	64 9/10
Flash duration t 0.1 / t 0.5 *		
fastest	1/10'000 s / 1/14'000 s	1/10'000 / 1/14'000 s
max. energy	1/535 s / 1/1'600 s	1/285 s / 1/860 s
Charging time (min.-max. energy)		
at 230 V	0,02 - 0,4 s	0,02 - 0,8 s
at 120 V	0,02 - 0,6 s	0,02 - 1,2 s
at 100 V	0,02 - 0,7 s	0,02 - 1,4 s
Ready display	Visual and audible (can be switched off), activated when 100 % of the selected energy is reached	
Lamp outlets	3 outlets with flash cut-off and ECTC	
Power distribution	Symmetrical and individually asymmetrical	
Control elements	Dust and scratch-resistant, illuminated silicone keypad, setting by radio remote control	
Control range for flash energy	Over 9 f-stops In 1/10 or full f-stop intervals. Choice of joules or percent for LCD display.	Over 10 f-stops In 1/10 or full f-stop intervals. Choice of joules or percent for LCD display.
Colour temperature	ECTC technology (Enhanced Colour Temperature Control) for constant or specifically adjustable colour temperature.	
Modelling light	Halogen max. 3 x 650 W at 200 - 240 V Halogen max. 3 x 300 W at 100 - 120 V Proportional to flash energy, also full and low settings. Proportionality can be adapted to other broncolor power packs and to monolights.	
Additional functions	t 0.1, sequence, delay, interval, colour temperature, alternating, stroboscopic, memory and many more	
Flash release	Manual release button, photocell, infrared, RFS or RFS 2 receiver (may be switched off) sync cable, IRX 2	



	Scoro S 1600 RFS I 31.041.XX Scoro S 1600 RFS 2 I 31.044.XX	Scoro S 3200 RFS I 31.043.XX Scoro S 3200 RFS 2 I 31.045.XX
Number of sync sockets	1	1
Computer connection for remote control	1	1
Stabilised flash voltage	+/- 0,3%	+/- 0,3%
Power requirements	16.0 A (230 V) 15.0 A (120 V) 15.0 A (100V)	
Dimensions without handle	28,8 x 19 x 29,5 cm 11,3 x 7,5 x 11,6"	28,8 x 19 x 40 cm 11,3 x 7,5 x 15,7"
Weight	8,9 kg 19,6 lbs	12,1 kg 26,7 lbs

* Automatic regulation of flash duration and energy for optimum colour temperature. Preselection of minimum flash duration possible.