

# TECHNICAL DATA SHEET



## SCORO A2S | A4S



	Scoro A2S	Scoro A4S
Article number	31.041.XX	31.043.XX
Flash energy	1600 J	3200 J
f-stop at 2 m (6 ½ ft), 100 ISO, P70 reflector	f 64 2/10	f 90 2/10
Flash duration t 0.5 / t 0.1 fastest	1/12200 s / 1/8100 s	1/12200 s / 1/8100 s
max. energy	1/760 s / 1/265 s	1/390 s / 1/132 s
Charging time (min. - max. energy)		
230 V	0.02 - 0.4 s	0.02 - 0.8 s
120 V	0.02 - 0.6 s	0.02 - 1.2 s
100 V	0.02 - 0.7 s	0.02 - 1.4 s
	Can be switched to slow charging mode.	Can be switched to slow charging mode.
Ready display	Visual and audible (can be switched off), signals when 100 % of selected energy is reached.	
Lamp outlets	3 main connectors with flash cut-off and ECTC.	
Power distribution	Symmetrical and individually asymmetrical	
Controls	Illuminated silicone keyboard, resistant to dust and scratches. Wireless remote control of all functions with RFS.	
Flash energy control range	over 9 f-stops In 1/10 or whole f-stop intervals, LCD display in joules or percentage.	over 10 f-stops In 1/10 or whole f-stop intervals, LCD display in joules or percentage.
Colour temperature	ECTC technology (Enhanced Colour Temperature Control) for consistent but also deliberately modified 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 and "full" and "low" settings. Proportionally adjustable to other broncolor power packs and monolights.	Halogen max. 3 x 650 W at 200 - 240 V Halogen max. 3 x 300 W at 100 - 120 V Proportional to flash energy and "full" and "low" settings. Proportionally adjustable to other broncolor power packs and monolights.
Additional functions	Sequence, delay, interval t 0.1, colour temperature, alternation, stroboscopic, memory, etc.	
Flash triggering	Manual release button, photocell (can be switched off), infrared and RFS receiver (can be switched off), sync cable, IRX 2.	
Number of sync sockets	1	1
Dimensions (L x W x H) excl. handle	288 x 190 x 348 mm (11.3 x 7.5 x 11.6 inches)	288 x 190 x 453 mm (11.3 x 7.5 x 15.7 inches)
Weight of power pack	9.2 kg (20.3 lbs)	12.5 kg (27.5 lbs)
Stabilised flash voltage	+/- 0.5 %	+/- 0.5 %
Operating temperature range	-10°C to +45°C	-10°C to +45°C
Standards	UL 122, EN 60065/A1, EN 50371, EN 55014, EN 60950, EN 300 220-1, -3, EN 301 489-1, -3	