

broncolor

scoro



Scoro WiFi – Unique Abilities, Simple Control

Scoro WiFi is worldwide the most versatile flash generator with its three independent outlets, it combines the legendary broncolor flash and colour quality with WiFi control. Just with a mouse-click, the extraordinary technical features of the Scoro WiFi generator now power at your fingertips for any and every creative lighting need.

Absolute freedom

With 3200 Joules of power, there is more than enough light for any imaginable photographic task - this immense energy can also be reduced over a range of 11 stops, or a factor of 1000, allowing the use of wide-open apertures. With broncolor's established expertise in color temperature control - the output colour the light remains constant across the entire range from 3 to 3200 joules.

On-the-ball with colour

broncolor light is very consistent and of a neutral colour. However, indirect lighting or the use of diffusers can negatively impact upon this light. Scoro power packs not only allow the compensation for such influences, but also allow targeted work with warmer or colder light.

A lot of light in little time

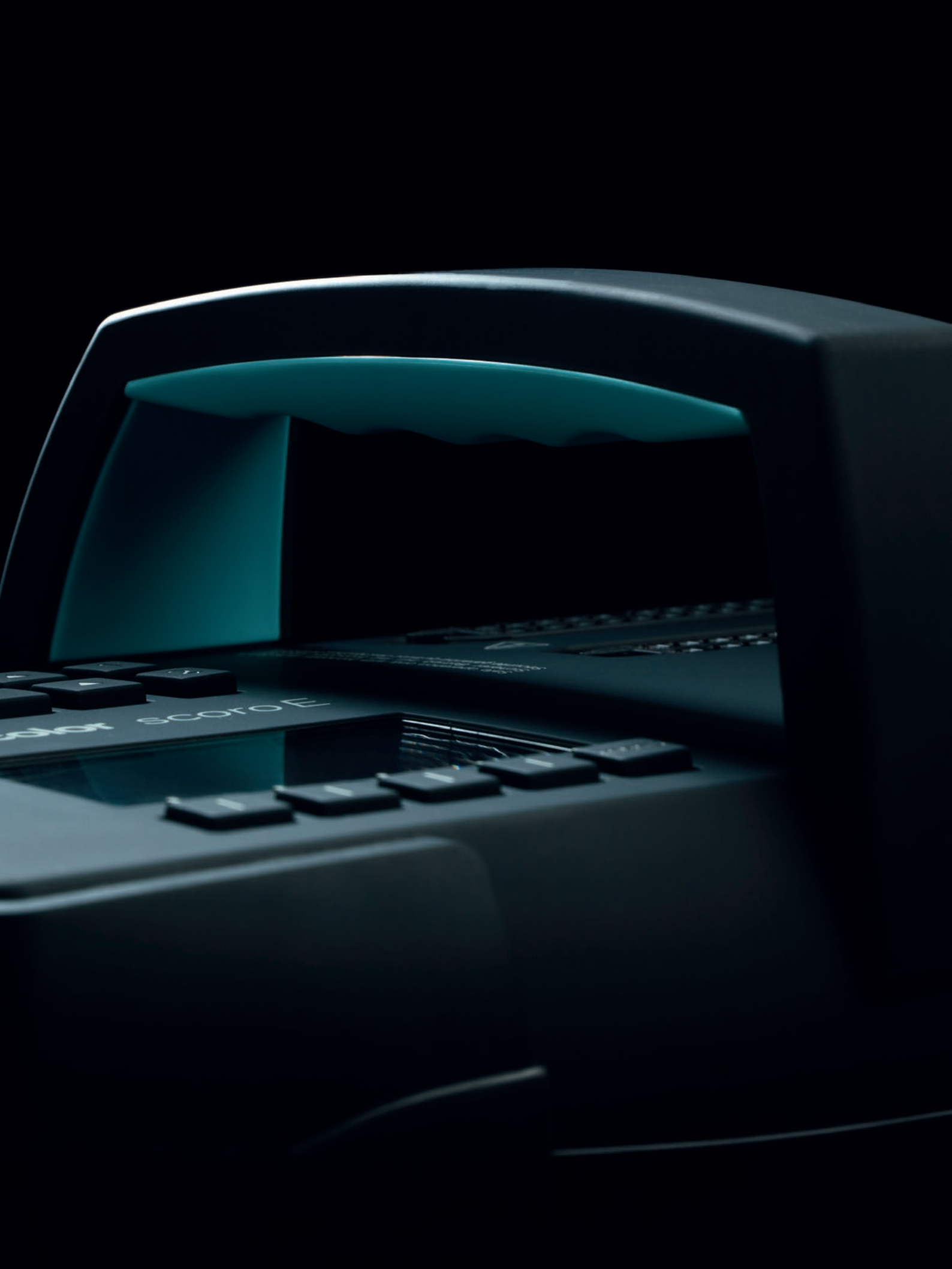
The broncolor Scoro generators achieve their ultra-short flash firing times not just at low power settings, but also in the medium power range. Thus, there is always enough light available to not only freeze a fast movement, but also to perfectly photograph it with a usable amount of light.

broncolor - always and everywhere

Travelling photographers are sure to welcome the fact that broncolor equipment can be rented from the majority of rental studios worldwide. Your own equipment can be left at home or supplemented by other power packs and the world's biggest range of accessories and light shapes.







Innovative Technologies – Made in Switzerland

Innovation as a driving force. Although the technologies we have developed are accepted as ground-breaking, they are continuously being perfected and further developed. The basis for this is a persistent desire to optimise, and the constant study of electrical technologies, new materials and alternative manufacturing processes. Photography is the product of light, and it is our mission to advance the technical capabilities of professional lighting technology.



FLASH CUT-OFF

Cut-off technology

Flash duration and light output are the two decisive factors in light control. A microprocessor in the Scoro power packs offers you the option of calculating the shortest or longest flash duration for a given output - this enables rapid flash sequences with up to 50 flashes per second.



CONSTANT COLOUR ECTC

Constant colour temperature – ECTC

The second generation of our patented ECTC (Enhanced Colour Temperature Control) technology, which adapts flash voltage and flash duration to each other, achieves a constant colour temperature over the entire variation range. If desired, the Scoro S, allows the colour temperature to be adjusted in calibrated steps of +/- 200 K at constant power.

When several lights are connected, a constant colour temperature is ensured on all channels up to an asymmetry of two f-stops.



CONTROL RANGE

Individual power distribution

The Scoro S packs have three lamp outlets, the Scoro E two. Each lamp has an individual power controller with an LED display and can be adjusted independently of the other outlets. The unit therefore behaves like three (or two) independent power packs. You have an operating range of 11 f-stops to set the flash output you need, this corresponds to a control range from a maximum of 3 to 3200 J.



SPEED MODE

Speed mode

In speed mode, the charging time and flash duration are reduced by up to 50%, the maximum flash energy by 25%. In this way, you can achieve up to ten shots per second at full output, or up to 50 per second at reduced power. broncolor power packs and compact devices with cut-off technology thus become top-class flash devices, especially when speed is of the essence. Thanks to the active fan cooling, even long flash series are absolutely no problem at all.

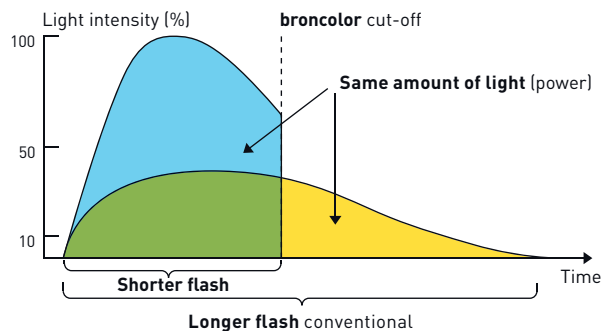
Speed Meets Precision – Fast Flash Times



FLASH CUT-OFF

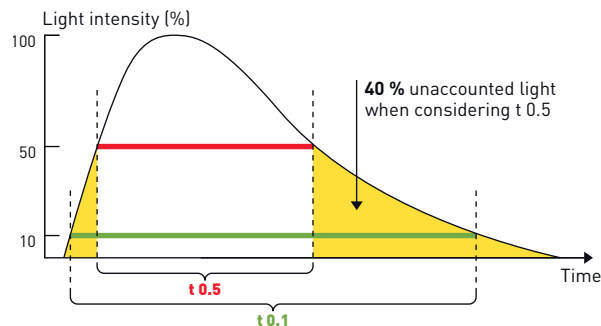
Cut-off technology

For a constant flash energy, flash durations can be substantially shortened using broncolor cut-off technology than is possible with conventional units:

 $t\ 0.1 = 1/600\text{ s}$

Why
 $t\ 0.1$
and not
 $t\ 0.5$?

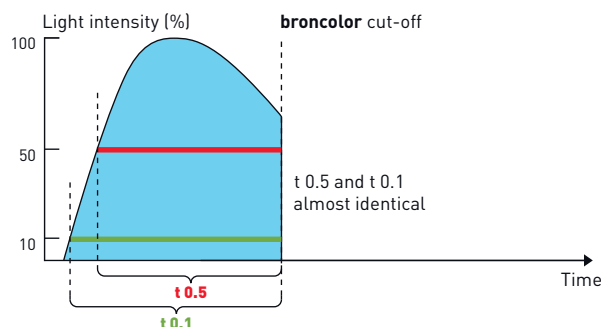
Comparison without broncolor cut-off technology



$t\ 0.5$ does not measure all the relevant light for the complete shooting: light is still radiated before and after $t\ 0.5$, which can result in blurring.

 $t\ 0.5 = 1/600\text{ s}$

Comparison with broncolor cut-off technology



The total quantity of light is taken into account. No blurring, because the flash is cut off.

Good to know

There is no generally valid factor for converting $t\ 0.5$ to $t\ 0.1$. It depends on the technology employed. It is therefore not correct to use $t\ 0.5$ to compare different flash durations; for comparisons $t\ 0.1$ must be known as well.

Absolute Colour Constancy. Thanks to ECTC*

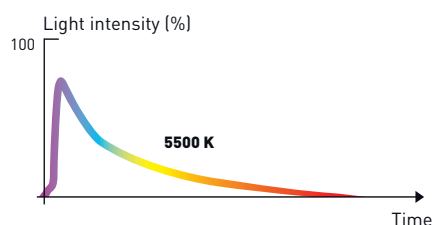


Constant colour temperature

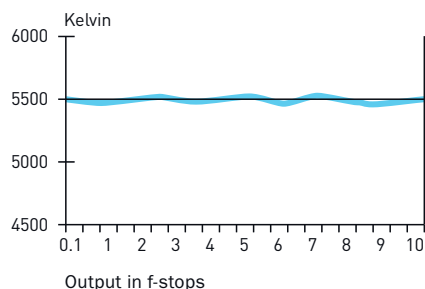
Patented ECTC technology enables a constant average colour temperature over the entire output range.

The colour temperature tolerance band is only +/- 50 Kelvin.

Thereby, the amplitude of the blue light component is controlled according to the warmer red component, which originates at cut-off.

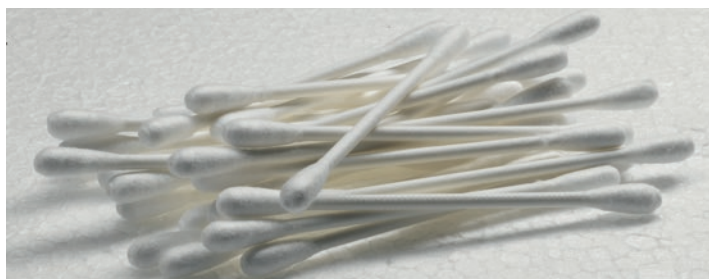


Thanks to this unique technology, broncolor provides an output control over 11 f-stops at a constant colour temperature. There is no other technology to compare with this performance. With other technologies, a constant colour temperature such as this can only be achieved over 4 f-stops.

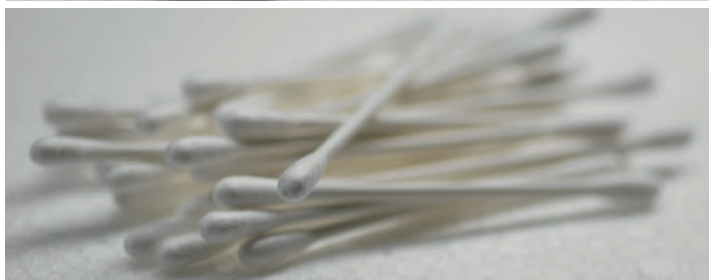


Even for fast flash sequences, a constant colour temperature and light quantity are the major quality criteria of broncolor products.

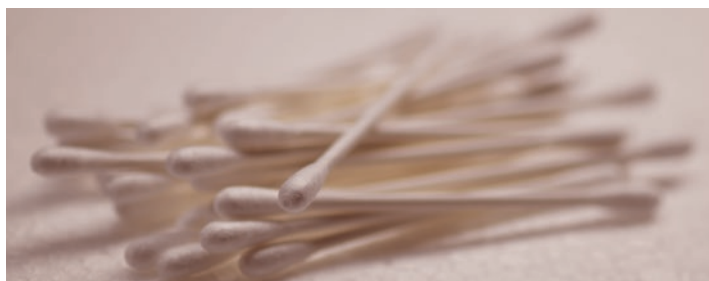
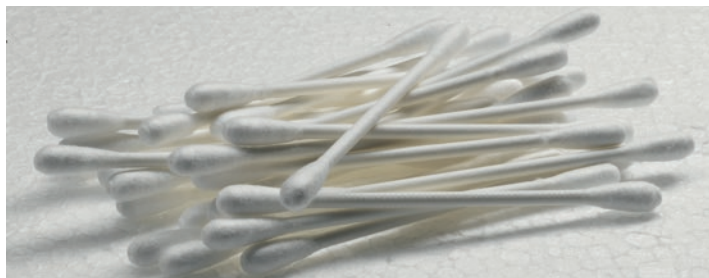
*ECTC Enhanced Colour Temperature Control



With broncolor technology



Without broncolor technology



Control Meets Efficiency – Enormous Control Range, Individually Controllable



CONTROL RANGE

Power distribution

Scoro units have either two or three lamp connections. Each has an individual power controller with an LED display and can be adjusted independently of the other connections. The unit therefore behaves like three (or two) independent power packs.

The individual power distribution combined with the great control range, at its maximum from 3 – 3200 Joules, allows the photographer an almost entirely free choice of f-stop.

The required flash output can then be chosen from up to 11 f-stops or 10 f-stop intervals respectively.

Another power display provides information on the total energy supplied by the power pack. Using the buttons beside the display, it is possible to change the total energy of all the channels at the same time.



Aperture closed



Aperture open

Record Charging Times Thanks to the Speed Mode



SPEED MODE

Speed mode

In speed mode, the Scoro can be operated with a minimum charging time of 0.4 s (1600 J), but still with optimum colour temperature and maximum output. The shortest charging time is actually just 0.02 s.

How is this possible?

With the speed button, the maximum energy is reduced by 25% and the charging time reduced by up to 50%.

This is how Scoro achieves the shortest recycle time worldwide, at just 0.02 s.

Using this technology, it is possible to illuminate stroboscope shootings with only a single flash unit. In this way, motion sequences can be made visible in technical and scientific photography, for example.

The number of flashes per second can actually be doubled by alternately triggering several power packs.



With broncolor technology



Without broncolor technology

Faster and More Efficient with bronControl



Even easier to use with a computer, tablet and smartphone

For large-scale studios, clear control over complex setups can be a challenge. This problem is solved by the bronControl app, in which the new Scoro power packs are fully integrated.

The performance of each individual lamp can be adjusted via the bronControl app, available on desktop, tablet, or smartphone. The entire studio is clearly illustrated on the intuitive visual interface of the bronControl app and each individual studio light can be easily identified and adjusted. For complete control, the entire studio, specific groups, or even individual lampheads can be adjusted.

The simple operation is not limited to the power setting, but extends over all the functions of the Scoro power packs. The expanded menu of the Scoro power packs are also available via the app. Easy adjustment of Scoro's advance feature set can be done from either the app or on the physical interface of the power pack.

WiFi communication operates via an integrated receiver in Scoro, and communicates with computers and smartphones with standard 802.11 WiFi technology.

The broncolor devices automatically form a separate WiFi network – alternatively you can integrate them into your existing network.



Scoro Captures a Photographic Universe

Even those who only seek powerful light output will still benefit from broncolor's legendary quality of light from the Scoro power packs. Massive control of power output, short recycle times, and unmatched colour consistency are the default. However, also available are the unique capabilities of Scoro's advanced feature set.

Three independent channels

The Scoro S works like three power packs, but in one device. Three completely independent channels deliver a light output of up to 3200 J.

Great control range

The control range of each individual channel allows a choice of 11 f-stops, from 3 – 3200 J.

Asymmetrical power distribution

The entire control range is asymmetrically available between the connected lamps, i.e. the difference in power between the lamps can actually exceed the factor of 1000.

Fast flash durations

At the basic setting, the Scoro calculates the flash duration in such a way, that the colour remains constant through the entire control range. The shortest times are achieved even at a high power setting which allows you to not just freeze a fast object or movement, but also to perfectly photograph it with a usable depth of focus.

Speed Function

Without having to dive into the menu, the speed button on the front panel allows you to optimise a Scoro for short charging times, and thus for fast flash sequences combined with short flash durations. As a rule, a Scoro calculates the flash curve so that the colour always remains the same - regardless of the power. Bounced lighting or use of diffusion materials can often influence colour temperature of the light. However, Scoro power

packs not only allow the compensation for such influences, but also for targeted work with warmer or colder light.

Sequences with intervals

Sequences of up to 50 flashes can be pre-programmed in a Scoro. In the case of very large sets (e.g. architecture), these multiple flashes are used to generate sufficient power. With reduced power, all 50 flashes can be triggered in less than a second, which makes spectacular stroboscopic effects possible.

The interval function allows the precise definition of the time period between two flashes in a sequence to a hundredth of a second.


Precise shutter release delay

The precise point in time when the flash should light the image can be defined by means of the delay. In steps of 1/100 s, it can be determined here how much time should pass between the arrival of the synchronisation signal and the actual flash.

Freemask and alternating

If you have two Scoro power packs available, it is possible to use the freemask function, to easily create cropping masks for post-processing.

Up to four Scoros can be triggered alternately - the already extremely short charging times can thus be further shortened by a factor of four.

A pair of red and blue Scoro glasses is shown against a white background with a large, dynamic blue liquid splash. The splash originates from the top right and bottom left, with droplets and splatters trailing across the frame. The glasses have a red frame with blue accents on the temples and a blue lens. The brand name 'Scoro' is visible on the temple.

Personal configurations for maximum convenience

Scoro power packs can be almost always configured to your personal comfort. This makes it possible to individually adjust the brightness of the modelling light, as well as the control elements.

The same applies to acoustic signals whose sound and volume can be selected.

The recycle time can be put into a slower mode and modeling light quickly shut off using the dimming function. This helps protect weaker electrical circuits or remote generators.

Finally, Scoro power packs speak 11 languages - this applies to the entire main menu, as well as to the integrated "help" menu, which straightforwardly explains each function.

Built to last

All of this is packed into a very robust and stable aluminium case with rubber protection profiles. Manufactured in Switzerland and compatible with the entire broncolor range of accessories.



Wide Range – Light Shapers and Effect Lighting

Scoro power packs already offer an incredible variety of technical and creative possibilities. Not to be forgotten, however, is that the very wide range of accessories can decisively expand these possibilities.

The availability of light shapers is designed to meet any lighting challenges. A full breadth of square, rectangular, strip, and octa softboxes with a full line of accessories. Reflectors for every type of light, beauty dishes, umbrellas, and even our family of Paras in 4 different sizes.

...and there is more. broncolor offers the widest range of special and effect lights requiring the use of power packs. The Picolite System particularly delights product photographers due to its unrivalled precision in directed lighting. The classic ringflash can also be operated on any Scoro, as can the broncolor special light shapers, such as the UV-attachment, Lightbar, Striplite, Litestick, Pulso Spot 4, Sunlite-Set and many more...

With its lamps, light shapers and effect lighting, Scoro solves every photographic problem and meets every creative demand.



Scoro S and Scoro E – The Fine Differences at a Glance



Scoro S

With the Scoro S, broncolor has set no less than four world records, and remains the major influence in modern flash technology. Thanks to the numerous power distribution options at constant light quality, many of them unique, this power pack is the ideal light source in professional photography. Charging times as short as 0.02 s, an 11 f-stop control range at a constant colour temperature, colour temperature adjustable in 200 K intervals, as well as three independent channels with precisely the same colour temperature, are just a few of its functions with which outstanding pictures can be created.

Scoro E

Scoro E is a mighty powerhouse in disguise. With its subtle appearance the capability of the humble Scoro E always exceeds expectations. Simplification by reduction is the watchword. With intuitive menu navigation, the innovative ECTC system, two lamp connections, and an excellent out-put, the Scoro E is equipped for the best results in fashion and still-life photography.

	Scoro S	Scoro E
Lamp outlets	3	2
Flash duration t 0.1 (t 0.5)	1/10'000 s (1/14'000 s)	1/8'000 s (1/12'000 s)
Fastest charging time	0.02 s	0.06 s
Languages	11	11
Selectable flash duration	Yes	Yes
Sequence function	Yes	Yes
Interval	Yes	–
Individual colour correction	Yes	–
Speed mode	Yes	–
Memory function	Yes	–
Delay	Yes	–
Alternate	Yes	–

Scoro 1600 S WiFi / RFS 2

Scoro 3200 S WiFi / RFS 2



Scoro 1600 S WiFi / RFS 2 | 31.046.XX

Scoro 3200 S WiFi / RFS 2 | 31.047.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 at max. energy* t 0.1 (t 0.5)		1/265 s (1/760 s)	1/132 s (1/390 s)
Flash duration at max. energy* t 0.1 (t 0.5)		1/150 – 1/10'000 s (1/450 – 1/14'000 s)	1/85 – 1/10'000 s (1/240 - 1/14'000 s)
Charging time (min. – max. energy)	230 V	0.02 – 0.6 s	0.02 – 1.3 s
	120 V	0.02 – 1.0 s	0.02 – 2.0 s
	100 V	0.02 – 1.1 s	0.02 – 2.2 s
		Switchable to slow recycle	Switchable to slow recycle
		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 at max. energy* t 0.1 (t 0.5)		1/535 s (1/1'600 s)	1/285 s (1/860 s)
Variation range for flash duration* t 0.1 (t 0.5)		1/150 – 1/10'000 s (1/450 - 1/14'000 s)	1/85 – 1/10'000 s (1/240 - 1/14'000 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
Ready display		Visual and audible (can be switched off), activated when pack is fully recharged	
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 10 f-stops	over 11 f-stops
		in 1/10 or full f-stop intervals. Choice of joules or percent for LCD display	
Colour temperature		ECTC (Enhanced Color Temperature Control) technology for constant colour temperature	
Modelling light		Halogen max. 3 × 650 W at 200 - 240 V / Halogen max. 3 × 300 W at 100 - 120 V Proportional to flash energy, also full and low settings. Can be adjusted proportionally to match other broncolor power packs and 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	
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 (100 V)	16.0 A (230 V) 15.0 A (120 V) 15.0 A (100 V)
WiFi		802.11 b/g/n, encoding: Open/WPA/WPA2	
Dimensions without handle		28.8 × 19 × 29.5 cm (11.3 × 7.5 × 11.6")	28.8 × 19 × 40 cm (11.3 × 7.5 × 15.7")
Weight**		9.8 kg (21.6 lbs)	12.8 kg (28.2 lbs)

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

** incl. dust soft case, mains cable and operating instructions

SCORO

POWER PACKS



Senso 1200 RFS 2
31.050.XX
Senso 2400 RFS 2
31.051.XX



Scoro 1600 S WiFi / RFS 2
31.046.XX
Scoro 3200 S WiFi / RFS 2
31.047.XX



Scoro 1600 E WiFi / RFS 2
31.066.XX
Scoro 3200 E WiFi / RFS 2
31.067.XX

BATTERY POWER PACK



Move 1200 L RFS 2
31.016.XX

HMI BALLAST UNITS



HMI 200
41.103.XX
HMI 400.575.800
41.102.XX
HMI 800.1600
41.104.XX

STUDIO MONOLIGHTS



Siros 400 WiFi / RFS 2
31.613.XX
Siros 400 S WiFi / RFS 2
31.623.XX
Siros 800 WiFi / RFS 2
31.631.XX
Siros 800 S WiFi / RFS 2
31.643.XX

Reflectors are included

BATTERY MONOLIGHTS



Siros 400 L WiFi / RFS 2
31.710.XX
Siros 800 L WiFi / RFS 2
31.720.XX

Reflectors are included

LAMPS



Pulso G
32.115.XX 1600 J
Pulso G
32.116.XX 3200 J

Unilite
32.113.XX 1600 J
Unilite
32.114.XX 3200 J

Pulso Twin
32.117.XX

Picolite
small lamp
32.021.XX

MobiLED
32.013.00
Litos
32.030.XX

Reflector only included with MobiLED and Litos

REFLECTORS AND ATTACHMENTS



Standard reflector P65
33.106.00



Standard reflector P70
33.107.00
Narrow angle reflector P45
33.104.00
Narrow angle reflector P50
33.105.00



Standard reflector L40
33.115.00



P-Travel reflector
33.103.00



PAR reflector
33.113.00



UV attachment
33.626.00



Power reflector
for Ringflash C
33.125.00



Beauty reflector
for Ringflash C
33.124.00



Soft reflector
for Ringflash C
33.123.00



Softlight reflector P
33.110.00



Beauty Dish
with textile diffuser
33.111.00



Wide angle
reflector P120
33.112.00



Background
reflector
33.114.00



Spot attachment
33.640.00



Conical snoot
33.120.00

PARA SYSTEM



Para 222 Kit
without adapter
33.552.03
Para 222 FT Kit
41.178.00



Para 177 Kit
without adapter
33.551.03
Para 177 FT Kit
41.177.00



Para 133 reflector
33.550.00
Para 133 HR reflector
33.550.04
Para 133 Kit without adapter
33.550.03
Para 133 HR Kit without adapter
33.550.06
Para 133 FT Kit
41.175.00



Para 88 reflector
33.482.00
Para 88 HR reflector
33.482.04
Para 88 Kit without adapter
33.483.03
Para 88 HR Kit without
adapter
33.483.06
Para 88 FT Kit
33.173.00

Stands and lamps are not included

SPECIAL ACCESSORIES



RFS 2.1 transmitter
36.133.00



RFS 2.1 receiver
36.134.00



RFS 2.1 transmitter/
receiver kit
36.135.00



RFS 2.2 transmitter
36.160.00 Canon
36.161.00 Nikon
36.162.00 Sony



Hot Shoe
adapter 2 in 1
36.137.00

HMI CONTINUOUS LIGHT



HMI FT800, 1600
Lamphead
42.110.00
Lamphead
Tungsten FT
42.112.XX



HMI FT800 Lamp device
42.109.00
HMI FT1600 Lamp device
42.111.00
FT1000 Lamp device Tungsten
42.115.00
FT2000 Lamp device Tungsten
42.113.00



HMI F200
Lamphead
42.105.00
HMI F400
Lamphead
42.106.00



HMI F575.800
Lamphead
42.104.00



HMI F800
Lamphead
42.107.00
HMI F1600
Lamphead
42.108.00

HMI REFLECTORS



Open Face reflector for
HMI F200 43.104.00
HMI F400 43.111.00



Open Face reflector for
HMI F1600 43.150.00



PAR reflector for
HMI F200 43.116.00
HMI F400 43.117.00

PAR reflector
for HMI F575.800
43.103.55 (5500 K)
43.103.59 (5900 K)



PAR reflector for
HMI F1600 43.140.00

EFFECT LAMPS



Ringflash C
32.462.XX



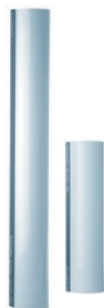
Ringflash P
32.461.XX



Balloon
33.161.00



Picobox
33.128.00
Boxlite 40
32.341.XX



Lightbar 120 Evolution
32.353.XX
Lightbar 60 Evolution
32.351.XX



Striplite 120 Evolution
32.303.XX
Striplite 60 Evolution
32.301.XX



Litestick
32.451.00



Pulso-Spot 4
32.425.XX
broncolor
Flooter
32.431.00



Litepipe for
HMI F400
43.118.00



Optical snoot 150 mm
for Pulso-Spot 4
5500 K: 33.620.55
5900 K: 33.620.59



Pulso adapter
for Picolite
33.501.00



Projection attachment
for Picolite
33.641.00



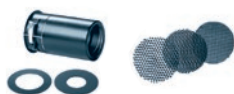
Barn door with 4 wings
33.246.00 for P65, P45 and PAR
33.247.00 for P70
33.119.00 for L40



Barn door with
4 wings for Picolite
33.244.00



Honeycomb grids, set of 3 pcs.
33.219.00 for Ringflash C
33.189.00 for Power reflector



Attachment with 3 honeycomb grids and
2 aperture masks for Picolite
33.204.00



Fresnel spot attachment
for Picolite
33.631.00



Barn door with
2 wings for P70
33.227.00



Sunlite-Set
33.162.00



Honeycomb grids, set of 3 pcs.
33.205.00 for P50
33.206.00 for P65, P45 and PAR
33.211.00 extremely narrow for P65, P45 and PAR (1 pce.)
33.207.00 for P70
33.194.00 for L40

SPECIAL REFLECTORS



Mini-Satellite
33.152.00
Satellite Staro
33.151.00

SOFTBOX, OCTABOX, BEAUTYBOX



Softbox
33.560.00 35 × 60 cm
33.561.00 60 × 60 cm
33.562.00 60 × 100 cm
33.563.00 100 × 100 cm
33.564.00 30 × 120 cm
33.565.00 90 × 120 cm
33.566.00 120 × 180 cm
33.567.00 30 × 180 cm



Octabox
33.600.00 Ø 75 cm
33.601.00 Ø 150 cm



Beautybox 65
33.568.00 Ø 65 cm

Adapter ring and stands are not included

UMBRELLAS



33.576.00 Focus 110 umbrella, silver Ø 110 cm (43.3")
33.496.00 Umbrella reflector
33.570.00 Silver/black Ø 105 cm (41.3")
33.571.00 White/black Ø 105 cm (41.3")
33.572.00 Transparent Ø 105 cm (41.3")
33.573.00 White/black Ø 85 cm (33.5")
33.574.00 Silver/black Ø 85 cm (33.5")
33.575.00 Transparent Ø 85 cm (33.5")

Scoro 1600 E WiFi / RFS 2

Scoro 3200 E WiFi / RFS 2



Scoro 1600 E WiFi / RFS 2 | 31.066.XX

Scoro 3200 E WiFi / RFS 2 | 31.067.XX

		Normal mode		Normal mode
Flash energy		1600 J		3200 J
f-stop at 2 m, 100 ISO, reflector P70		64 $\frac{2}{10}$		90 $\frac{2}{10}$
Flash duration at max. energy* t 0.1 (t 0.5)		1/265 s (1/760 s)		1/132 s (1/390 s)
Variation range for flash duration* t 0.1 (t 0.5)		1/265 – 1/8'000 s (1/760 – 1/12'000 s)		1/132 – 1/8'000 s (1/390 – 1/12'000 s)
Charging time (min. – max. energy)	230 V	0.06 – 1.0 s		0.06 – 1.7 s
	120 V	0.06 – 1.4 s		0.06 – 2.4 s
	100 V	0.06 – 1.5 s		0.06 – 2.6 s
		Switchable to slow recycle		Switchable to slow recycle
Ready display		Visual and audible (can be switched off), activated when pack is fully recharged		
Lamp outlets		2 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 8 f-stops		over 9 f-stops
		in 1/10 or full f-stop intervals. Choice of joules or percent on LCD display		
Colour temperature		ECTC (Enhanced Color Temperature Control) technology for constant colour temperature		
Modelling light		Halogen max. 2 × 650 W at 200 - 240 V / Halogen max. 2 × 300 W at 100 - 120 V		
		Proportional to flash energy, also full and low settings. Can be adjusted proportionally to match other broncolor power packs and monolights.		
Additional functions		t 0.1, sequence		
Flash release		Manual release button, photocell, RFS or RFS 2 receiver, sync cable		
Number of sync sockets		1		1
Computer connection for remote control		1		1
Stabilised flash voltage		+/- 0.5%		+/- 0.5%
Power requirements		16.0 A (230 V) 15.0 A (120 V) 15.0 A (100 V)		16.0 A (230 V) 15.0 A (120 V) 15.0 A (100 V)
WiFi		802.11 b/g/n, encoding: Open/WPA/WPA2		
Dimensions without handle		28.8 × 19 × 29.5 cm (11.3 × 7.5 × 11.6")		28.8 × 19 × 40 cm (11.3 × 7.5 × 15.7")
Weight**		9.6 kg (21.2 lbs)		12.6 kg (27.8 lbs)

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

** incl. dust soft case, mains cable and operating instructions



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