	GOCCOPRO QS2536	GOCCOPRO QS1836
		
Screen making method	High-speed digital screen making	High-speed digital screen making
Screen frame size (Outer dimensions) (width x length)	Minimum 590 mm x 310 mm (23.23" x 12.20") with a frame thickness of 30 mm (1.18") Maximum 635 mm x 914 mm (25.00" x 36.00")	Minimum 440mm x 310mm (17.32" x 12.20") with a frame thickness of 20mm (0.79") Maximum 635mm x 914mm (25.00" x 36.00") (Using with the screen frame retainer plates) 635mm x 922mm (25.00" x 36.30") (Using without the screen frame retainer plates)
Screen frame thickness	20 mm to 45 mm (0.79" to 1.77")	20 mm to 45 mm (0.79" to 1.77")
Image area size (width x length)	Minimum 10 mm x 10 mm (0.39" x 0.39") Maximum 457 mm x 759 mm (17.99" x 29.88") with a frame thickness of 20 mm (0.79") 455 mm x 734 mm (17.91" x 28.90") with a frame thickness of 45 mm (1.77")	Minimum 10 mm x 10 mm (0.39" x 0.39") Maximum 350 mm x 759 mm (13.78" x 29.88") with a frame thickness of 20 mm (0.79") 350 mm x 734 mm (13.78" x 28.90") with a frame thickness of 45 mm (1.77")
Screen making time	Approx. 200 sec. (Image area size : 420mm x 594mm / 16.54" x 23.39")	Approx. 200 sec. (Image area size : 350mm x 594mm / 13.78" x 23.39")
Resolution	600 dpi x 1,200 dpi (perforation density: 1,200 dpi)	600 dpi x 1,200 dpi (perforation density: 1,200 dpi)
Memory capacity	128MB	128MB
Supported OS	Windows® 8.1(32-bit/64-bit)/10(32-bit/64-bit) macOS 10.12/10.13/10.14/10.15	Windows 8.1(32-bit/64-bit)/10(32-bit/64-bit) macOS 10.12*1/10.13*1/10.14*1/10.15
Network interface	USB 2.0	USB 2.0
Power source	AC 100 - 240 V, 50 - 60 Hz, 3.6 - 1.4 A	AC 100 - 240 V, 50 - 60 Hz, 3.6 - 1.4 A
Power consumption	Maximum: 300W When standing by: 50W or lower	Maximum: 300W When standing by: 50W or lower
Operating environment	Temperature: 15°C to 30°C / 59F to 86F	Temperature: 15°C to 30°C / 59F to 86F
Dimensions (W x D x H)	During use: 1,215 mm x 800 mm x 410 mm (47.83" x 31.50" x 16.14")	During use: 1,215 mm x 800 mm x 410 mm (47.83" x 31.50" x 16.14")
Required space (W x D x H)	1,230 mm x 800 mm x 480 mm (48.43" x 31.50" x 18.90")	1,230 mm x 800 mm x 480 mm (48.43" x 31.50" x 18.90")
Weight	Approx. 71 kg (156 lb.)	Approx. 70 kg (154 lb.)

*1 Cannot output from 32bit applications.

PostScript® supported! WASATCH SoftRIP for professional use.

Using WASATCH SoftRIP enables color drafts created with Adobe Illustrator®, Photoshop® or other design software and incorporating spot colors to be color separated with RIP so that screen making data can be easily created.

WASATCH COMPUTER TECHNOLOGY

【Official Social Media Accounts】

Instagram @riso_silkscreen

Facebook @risokagaku.ssprint

Twitter @risokagaku_ssp

Information Portal for RISO Digital Screen Maker

GOCCOPRO Forum

RISO Official Website

https://www.riso.co.jp/goccopro/

Manufacturer:

RISO KAGAKU CORPORATION

2-20-15 Shimbashi, Minato-ku, Tokyo, 105-0004 Japan

https://www.riso.co.jp/goccopro/

https://goccoproforum.net/en/

For more details, please contact:

As of October 2020

The Next-Generation Digital Screen Maker

GOCCOPRO QS2536 QS1836 NEW

A revolution in the screen-making process using the power of digital

Advanced Professional

QS2536 / QS1836

Pre-streched

Image to Screen approx. 200 seconds

Resolution 600×1,200 dpi

Win Mac

Precise image quality and accurate registration utilizing the special thermal print head of 1,200dpi perforation density.

The special thermal head has an applied energy equivalent to 600dpi that excels in solid printing, and a 1,200dpi perforation density for detailed work. Using a high mesh count screen master, fine gradations in printing become possible. Comes with a line up of screen masters for various applications.

RISO Dry Thermal Screen Making System — The New Screen Printing Standard —

RISO Dry Thermal Screen Making System is a CTS* system with a thermal head that heat-perforates a screen master of mesh laminated with film. Enables low-cost, speedy screen making even for sample and small-lot production, and across a wide range of jobs, from multi-color T-shirts to name plates.

Screen making process
GOCCOPRO QS2536 QS1836

Artwork (data) / Stretch screen onto a frame → \ Quick / Screen making directly from PC → Screen created

Screen making process
Conventional Method

Artwork → Film positive → Exposure → Development Washout → Drying → Screen created

Stretch screen onto a frame → Coat screen with emulsion → Drying

Environmentally aware

- Less electricity consumed.
- No waste water generated.
- Powder coated body.

No use of solvents.

*Computer To Screen

Two models are available depending on image size

QS2536

A2 size

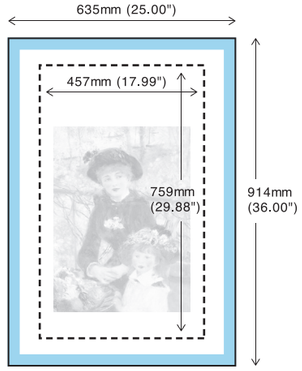
Suitable for A2 size image

The flagship model of the QS series with maximum image size

Supporting large frames that can be applied on automatic T-shirt screen presses*1

Applicable to automatic T-shirt screen presses*1

457mm × 759mm (17.99" x 29.88")
Maximum image area with a frame thickness of 20mm

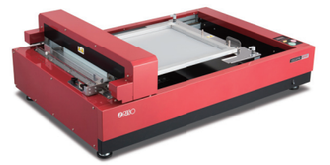


Versatile usage not only for garment printing but much more

Achieves high image quality printing for various applications such as plates and stickers in combination with a high mesh count screen master

*1 Depending on the specifications and printing conditions of the automatic T-shirt screen presses, it may not be usable.

QS1836 NEW



A3 size

Suitable for A3 size image

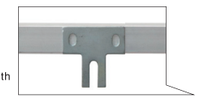
Perfect size for using 565mm width screen master

Corresponds to narrow frames resulting in lower screen master cost

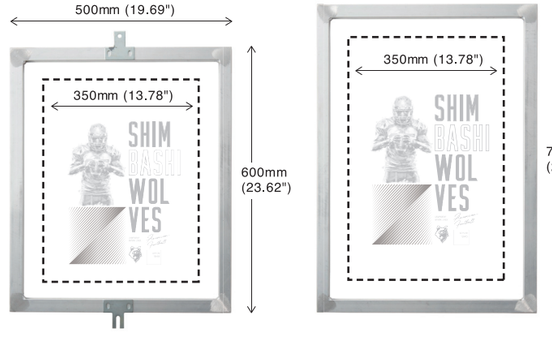
Applicable to automatic T-shirt screen presses*1 and table screen printers

Enable to use both standard frames and frames for table screen printing with their registration parts. Changing the setting of the frame guide, it enables to set a frame with the registration parts on and to make a screen. Compatible with various printing methods.

350mm × 759mm (13.78" x 29.88")
Maximum image area with a frame thickness of 20mm



Frame for table printing with the registration parts



*1 Depending on the specifications and printing conditions of the automatic T-shirt screen presses, it may not be usable.