

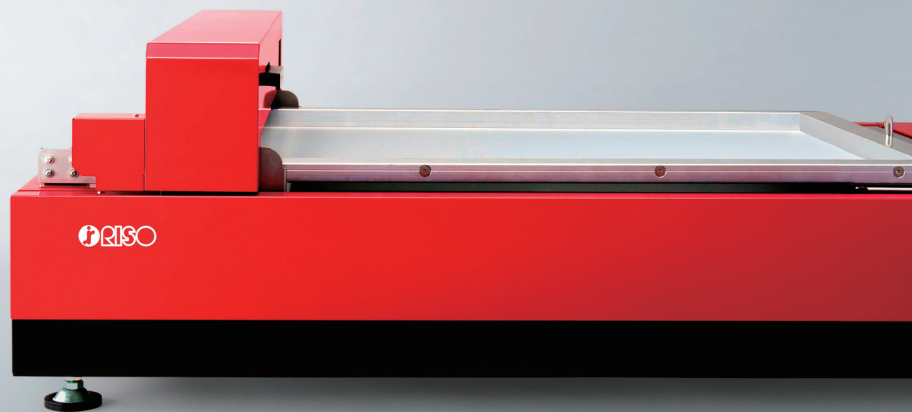
Digital Screen Maker

GOCCOPRO Series

Advanced Professional

QS2536
QS1836

Flagship models with superb quality and accurate registration. Ideal for from auto presses to table screen printing.



Versatile Professional

QS200

A2 wide (16"x24") image size
High-spec model capable
for multi color printing.



Business Entry

GOCCOPRO 100

Easy operation as if using a printer.
Capable of making a long-length screen
and printing spot colors.



Efficient



Get out of the Dark

Bright new way to Screen Print



Ecological



Economical

RISO Dry Thermal Screen Making System is set to become the new screen printing standard.

No emulsion, dark room or film positives required.

There's no need, either, for light exposure processing or wash out.

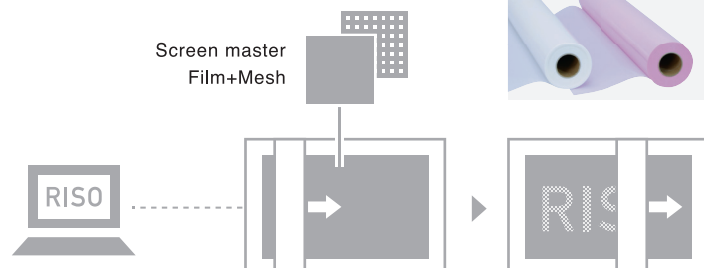
With its low power consumption and producing no waste water.

RISO Dry Thermal Screen Making System

"RISO Dry Thermal Screen Making System" is the core technology behind the GOCCOPRO series.

It is a CTS* system with a thermal head that heat-perforates a screen master of mesh laminated with film.

*CTS : Computer-to-Screen



Screen making process has been drastically simplified.

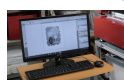
The process is much more straightforward and speedy than conventional screen making, with no special skills required.

Make screens simply with the press of a button, much like using a printer.



Efficient

Screen making process of GOCCOPRO QS Series



Artwork (Data)



Stretch screen onto a frame



Screen making directly from PC



Screen created

Approximately

10 minutes

Approximately

3 hours

Conventional Screen Making processes



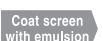
Artwork



Film positive



Stretch screen onto a frame



Coat screen with emulsion



Drying



Exposure



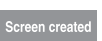
Development & Washout



Block out pinholes



Drying



Screen created

Generates no waste water. Saves electricity.

The process uses no emulsions or chemicals, meaning it uses less resin, involves no washout, so the process generates no waste water.

Furthermore, with no film positives output, exposure or drying, it reduces power consumption.



Ecological

No need for water



GOCCOPRO: 0L
Conventional: 12L

Approximately 1 / 14 electricity consumption

GOCCOPRO ⚡

Conventional



GOCCOPRO: 0.005kWh Conventional : 0.07kWh

Approximately 1 / 25 resin consumption

GOCCOPRO 🗑️

Conventional



GOCCOPRO: 0.4g Conventional : 10.0g

Conditions: When making an A3 size screen / Flow rate: 3L per minute / Taking 2 minutes each for film making, exposure and drying process

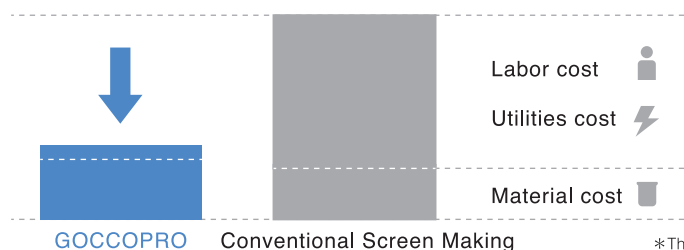
Operation times shortened to reduce TCO*

Saves labor cost by its quick turnaround time compared to emulsion screen making, leading to lower total cost of ownership. Less expensive than outsourcing the screen making process while its small footprint contributes to space saving.

*: Total Cost of Ownership



Economical



* This illustrates comparative total cost of ownership.

Advanced Professional

QS 2536

Pre-
stretched

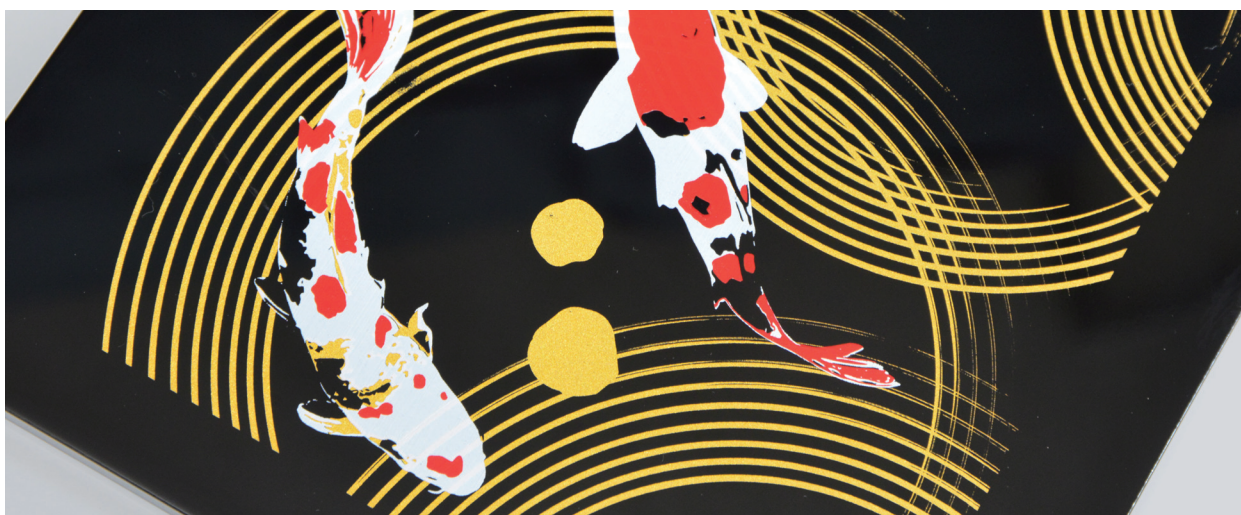
Image to Screen
approx.
200
seconds

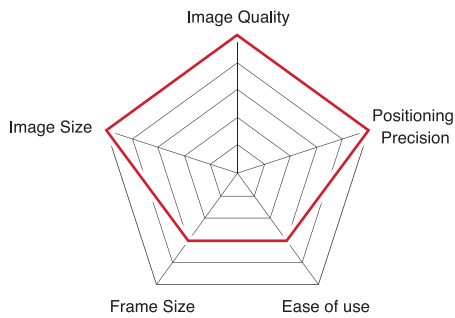
Resolution
600×1,200
dpi

Win
Mac

Precise registration enables full and multi-color printing.

Capable of reproducing photographic images with great detail over conventional screen printing.





High-Precision, High-Resolution Professional Model Compatible with Automatic Printers.



* Frame sold separately.

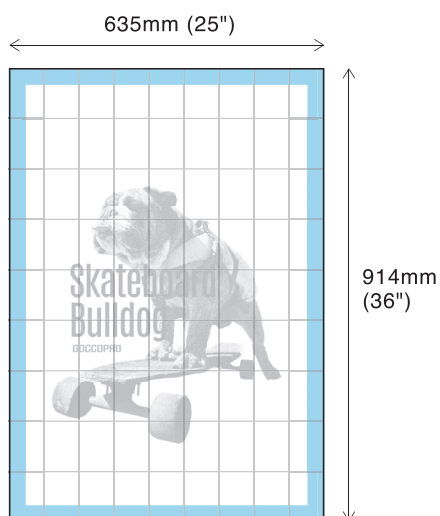
Precise Image Quality and Accurate Registration

The special thermal head has an applied energy equivalent to 600 dpi that excels in solid printing, and a 1200 dpi perforation density for detailed work. Using a high mesh count screen master, fine graduations in printing become possible. Comes with a line up of screen masters for various applications.

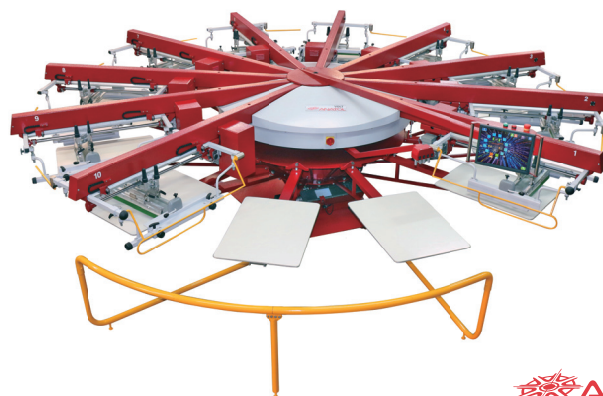


Available for automatic T-shirt screen printer.

The QS2536 is a digital screen maker supporting large frames that can be installed on automatic printing machines.



Automatic T-shirt screen printer (image)



ANATOL

* With a frame thickness (width) of 20mm Maximum image area: 457mm x 759mm (18.0" x 29.9")

Advanced Professional

QS1836

Pre-
stretched

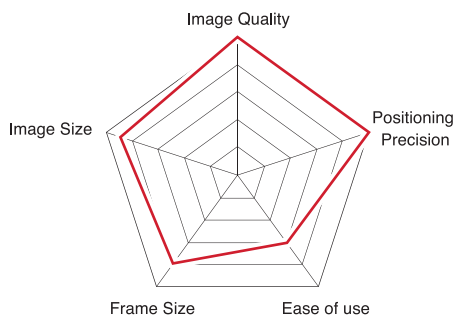
Image to Screen
approx.
200
seconds

Resolution
600×1200
dpi

Win
Mac

Highly accurate registration for multi-color printing allows for the selection of the best frame based on screen-making size and other requirements.





WASATCH
COMPUTER TECHNOLOGY
PostScript対応
[WASATCH SoftRIP]



*Screen frame is sold separately.

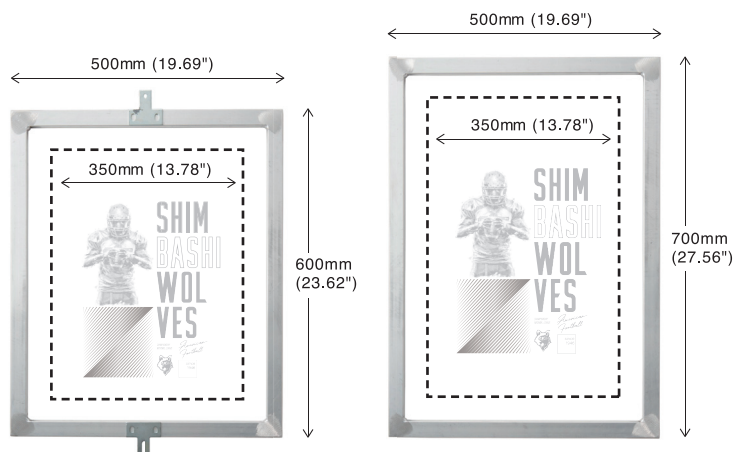
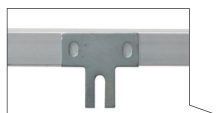
Advanced Professional model suitable for A3 size

Ideal for A3 size screen making, the 565mm wide screen master enables cost-effective production without any wastage.

Compatible with narrower frames, the 565 mm wide Screen Master can be utilized without any waste.

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

Frame for table printing with the registration parts



Precise Image Quality and Accurate Registration

The special thermal head, similar to the QS2536, provides an applied energy equivalent to 600 dpi, which excels in solid printing, and a 1,200 dpi perforation density for detailed work. When using a high mesh count screen master, fine graduations in printing become possible.



Applicable to automatic T-shirt screen presses and Table screen printers

It is possible to use both standard frames and table screen printing with their respective registration parts by simply changing the setting of the frame guide. This feature allows users to set a frame with the registration parts on and create a screen. Additionally, it is compatible with various printing methods.



*It may not be suitable for use depending on the specifications and printing conditions of the automatic T-shirt printer

Versatile Professional

QS200

Pre-
stretched

Image to Screen
approx.
120
seconds

Resolution
600×600
dpi

Win
Mac

A high-spec model that supports a wide range of screen making sizes.

Detailed and precise imaging at a resolution of 600 dpi.

Suitable for a broad range of commercial jobs and it contributes to efficiency of work and cost reduction.

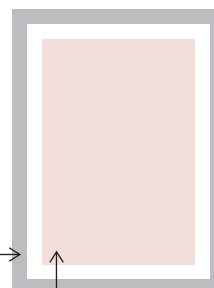


* Frame sold separately.



Suitable for a broad range of jobs from small items to T-shirts.

Supports all sizes whole through maximum A2 wide size. This enables screen making for a wide range of sizes, both large and small, in alignment with need for not only T-shirts, but also towels and tote bags, etc.



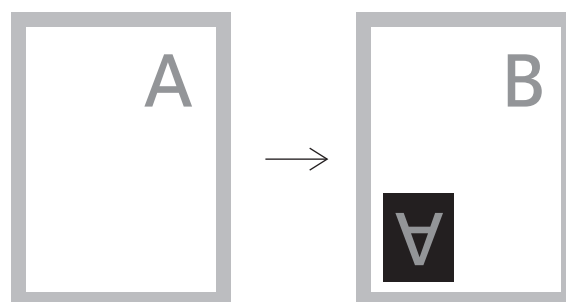
Max. image area: 420mm x 620mm (16.5" x 24.4")

Max. frame size: 580mm x 780mm (22.8" x 30.7")



Repeated spot exposing

Different images can be exposed on unused areas of the screen. Saves screens and shortens operating time.



Mask exposed parts

Business Entry GOCCOPRO 100

Post-
stretched

Image to Screen
approx.
105
seconds

Resolution
600×600
dpi

Win
Mac*

* Optional

A business-entry model enabling simple screen making as if using a printer.

Enable screens to be made and then stretched effortlessly onto frames with simple operations very similar to using a printer.

Compact in size, it is capable of making screens up to 800mm in length.



Compact size fits on a table.

The GOCCOPRO 100 is a digital screen maker with a compact design that allows it to be placed on the side of a desk.

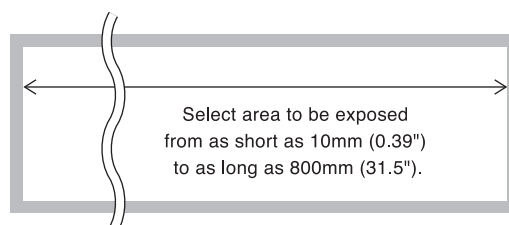
A space-saving unit that can be placed anywhere to facilitate the start of order-made goods production.



Long-length exposure

Compact in size, it is capable of making screens up to 800mm long.

Perfect for a variety of uses, including novelties, towels, banners, etc.



The GOCCOPRO 100 for easy electrolytic etching

Electrolytic etching uses electrolysis to mark metal surfaces. Together with the GOCCOPRO 100, this expands the services you can offer, especially short-run marking.

* We do not handle the equipment necessary for electrochemical etching.

Marking a metal surface using a GOCCOPRO 100-exposed screen.



Electrolytically-etched samples (stainless steel)



■ GOCCOPRO series Consumables, Frames and Optional items

RISO DIGITAL SCREEN MASTER

Plastisol and water-based ink are mostly applicable.

For solvent-based and UV ink, it is recommended to do suitability test before use.



| QS 2536 | QS 1836 | QS 200 | GP 100 | S-CODE | DESCRIPTION | MESH COUNT | WIDTH | | LENGTH | | THREAD DIAMETER |
|------------|------------|-----------|-----------|--------|---|---------------|-------|-------|--------|--------|--------------------|
| ✓ | ✓ | ✓ | | S-8766 | RISO DIGITAL SCREEN QS MASTER 70P-113-30 | 70 | 113cm | 44.5" | 30m | 32.8yd | 71μm |
| ✓ | ✓ | ✓ | | S-8767 | RISO DIGITAL SCREEN QS MASTER 120P-113-50 | 120 | 113cm | 44.5" | 50m | 54.7yd | 48μm |
| ✓ | ✓ | ✓ | | S-8768 | RISO DIGITAL SCREEN QS MASTER 200P-113-50 | 200 | 113cm | 44.5" | 50m | 54.7yd | 48μm |
| ✓ | ✓ | ✓ | | S-8792 | RISO DIGITAL SCREEN QS MASTER 70P-56-30 | 70 | 56cm | 22.2" | 30m | 32.8yd | 71μm |
| ✓ | ✓ | ✓ | | S-8793 | RISO DIGITAL SCREEN QS MASTER 120P-56-50 | 120 | 56cm | 22.2" | 50m | 54.7yd | 48μm |
| ✓ | ✓ | ✓ | | S-8794 | RISO DIGITAL SCREEN QS MASTER 200P-56-50 | 200 | 56cm | 22.2" | 50m | 54.7yd | 48μm |
| | | | ✓ | S-1965 | RISO DIGITAL SCREEN MASTER 70P-32-12 | 70 | 32cm | 12.6" | 12m | 13.1yd | 71μm |
| | | | ✓ | S-5241 | RISO DIGITAL SCREEN MASTER 120P-32-12 | 120 | 32cm | 12.6" | 12m | 13.1yd | 48μm |
| | | | ✓ | S-1963 | RISO DIGITAL SCREEN MASTER 200P-32-12 | 200 | 32cm | 12.6" | 12m | 13.1yd | 48μm |

RISO DIGITAL SCREEN PINK MASTER

These screen masters colored in pink to improve visibility of exposed image.

Screen performance itself is the same as the above screen masters.

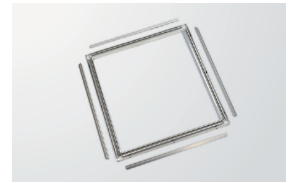
| QS 2536 | QS 1836 | QS 200 | GP 100 | S-CODE | DESCRIPTION | MESH COUNT | WIDTH | | LENGTH | | THREAD DIAMETER |
|------------|------------|-----------|-----------|--------|--|---------------|-------|-------|--------|--------|--------------------|
| ✓ | ✓ | ✓ | | S-8828 | RISO DIGITAL SCREEN QS MASTER 70P-113-30 PINK | 70 | 113cm | 44.5" | 30m | 32.8yd | 71μm |
| ✓ | ✓ | ✓ | | S-8827 | RISO DIGITAL SCREEN QS MASTER 120P-113-50 PINK | 120 | 113cm | 44.5" | 50m | 54.7yd | 48μm |
| ✓ | ✓ | ✓ | | S-8826 | RISO DIGITAL SCREEN QS MASTER 200P-113-50 PINK | 200 | 113cm | 44.5" | 50m | 54.7yd | 48μm |
| ✓ | ✓ | ✓ | | S-8825 | RISO DIGITAL SCREEN QS MASTER 70P-56-30 PINK | 70 | 56cm | 22.2" | 30m | 32.8yd | 71μm |
| ✓ | ✓ | ✓ | | S-8824 | RISO DIGITAL SCREEN QS MASTER 120P-56-50 PINK | 120 | 56cm | 22.2" | 50m | 54.7yd | 48μm |
| ✓ | ✓ | ✓ | | S-8823 | RISO DIGITAL SCREEN QS MASTER 200P-56-50 PINK | 200 | 56cm | 22.2" | 50m | 54.7yd | 48μm |

RISO DIGITAL SCREEN MASTER (Additional mesh choices)

Additional mesh counts are available.

Special ordering conditions may be applied. For more details, please contact your designated supplier.

| QS 2536 | QS 1836 | QS 200 | GP 100 | S-CODE | DESCRIPTION | MESH COUNT | WIDTH | | LENGTH | | THREAD DIAMETER |
|------------|------------|-----------|-----------|--------|---|---------------|-------|-------|--------|--------|--------------------|
| | | ✓ | | S-8051 | RISO DIGITAL SCREEN QS MASTER 50P-113-20 C | 50 | 113cm | 44.5" | 20m | 21.9yd | 71μm |
| ✓ | ✓ | ✓ | | S-6901 | RISO DIGITAL SCREEN QS MASTER 100P-113-20 C | 100 | 113cm | 44.5" | 20m | 21.9yd | 54μm |
| ✓ | ✓ | ✓ | | S-8053 | RISO DIGITAL SCREEN QS MASTER 135P-113-20 C | 135 | 113cm | 44.5" | 20m | 21.9yd | 54μm |
| ✓ | ✓ | ✓ | | S-6903 | RISO DIGITAL SCREEN QS MASTER 180P-113-20 C | 180 | 113cm | 44.5" | 20m | 21.9yd | 48μm |
| ✓ | ✓ | ✓ | | S-6905 | RISO DIGITAL SCREEN QS MASTER 225P-113-20 C | 225 | 113cm | 44.5" | 20m | 21.9yd | 40μm |
| ✓ | ✓ | ✓ | | S-6907 | RISO DIGITAL SCREEN QS MASTER 250P-113-20 C | 250 | 113cm | 44.5" | 20m | 21.9yd | 40μm |
| ✓ | ✓ | ✓ | | S-6909 | RISO DIGITAL SCREEN QS MASTER 270P-113-20 C | 270 | 113cm | 44.5" | 20m | 21.9yd | 34μm |
| ✓ | ✓ | ✓ | | S-8055 | RISO DIGITAL SCREEN QS MASTER 300P-113-20 C | 300 | 113cm | 44.5" | 20m | 21.9yd | 34μm |
| | | ✓ | | S-8050 | RISO DIGITAL SCREEN QS MASTER 50P-56-20 C | 50 | 56cm | 22" | 20m | 21.9yd | 71μm |
| ✓ | ✓ | ✓ | | S-6900 | RISO DIGITAL SCREEN QS MASTER 100P-56-20 C | 100 | 56cm | 22" | 20m | 21.9yd | 54μm |
| ✓ | ✓ | ✓ | | S-8052 | RISO DIGITAL SCREEN QS MASTER 135P-56-20 C | 135 | 56cm | 22" | 20m | 21.9yd | 54μm |
| ✓ | ✓ | ✓ | | S-6902 | RISO DIGITAL SCREEN QS MASTER 180P-56-20 C | 180 | 56cm | 22" | 20m | 21.9yd | 48μm |
| ✓ | ✓ | ✓ | | S-6904 | RISO DIGITAL SCREEN QS MASTER 225P-56-20 C | 225 | 56cm | 22" | 20m | 21.9yd | 40μm |
| ✓ | ✓ | ✓ | | S-6906 | RISO DIGITAL SCREEN QS MASTER 250P-56-20 C | 250 | 56cm | 22" | 20m | 21.9yd | 40μm |
| ✓ | ✓ | | | S-6908 | RISO DIGITAL SCREEN QS MASTER 270P-56-20 C | 270 | 56cm | 22" | 20m | 21.9yd | 34μm |
| ✓ | ✓ | | | S-8054 | RISO DIGITAL SCREEN QS MASTER 300P-56-20 C | 300 | 56cm | 22" | 20m | 21.9yd | 34μm |



FRAME

Self-stretching frame. Special sizes can be made on an order basis.

| QS 2536 | QS 1836 | QS 200 | GP 100 | S-CODE | DESCRIPTION | Outer size | Stretch | Fit type | Width of edges | Remark |
|---------|---------|--------|--------|--------|--|-------------------------|---------|----------------------|---|---|
| ✓ | ✓ | | | S-7189 | QUICK FRAME A 63x91 (Thread insert) | 63,5x91,4cm (25"x36") | Screw | Bar clip | 4cm(1.6") x all 4 edges | |
| ✓ | ✓ | ✓ | | S-9295 | QUICK FRAME A 57x80 Rev2 (Thread insert) | 57,5x80cm (22,5"x31,5") | | | 4cm(1.6") x all 4 edges | This frame is larger than the standard frame size, but it can be set on the QS200 and the QS2536. |
| ✓ | ✓ | ✓ | | S-8796 | QUICK FRAME A5560 Rev2 (Thread insert) | 55x60cm (21,6"x23,6") | | | 3cm(1.2") x 1 edge 4cm(1.6") x 3 edges | |
| ✓ | ✓ | ✓ | ✓ | S-8795 | QUICK FRAME A3159 | 31x59cm (12,2"x23,2") | | | 3cm(1.2") x all 4 edges | |
| ✓ | ✓ | ✓ | | S-8798 | QUICK FRAME B5878 | 58x78cm (22,8"x30,7") | Natural | Rubber | 3cm(1.2") x all 4 edges | 113cm(44,5") width screen is required. Silicon strip is required. |
| | ✓ | ✓ | | S-8799 | QUICK FRAME B5070 | 50x70cm (19,7"x27,5") | | | | Silicon strip is required. |
| ✓ | ✓ | ✓ | | S-8800 | QUICK FRAME B5060 | 50x60cm (19,7"x23,6") | | | | |
| ✓ | ✓ | ✓ | | S-4112 | SILICON STRIP 50 | | | | | Silicon rubber strip for Quick Frame B5878, B5060 & B5070. 50 meter long. |
| | | | ✓ | S-5230 | FRAME 39 | 32x43cm (12,6"x16,9") | Natural | W-sided tape & Clip | | |
| | | | ✓ | S-5229 | FRAME 55 | 32x59cm (12,6"x23,2") | | | | |
| | | | ✓ | S-5823 | FRAME 42 | 32x48cm (12,6"x18,9") | | W-sided tape & Screw | | |
| | | | ✓ | S-5824 | FRAME 53 | 32x59cm (12,6"x23,2") | | | | |

OPTION

| QS 2536 | QS 1836 | QS 200 | GP 100 | S-CODE | DESCRIPTION | Remark |
|---------|---------|--------|--------|--------|--|--|
| | | | ✓ | S-9122 | RISO NETWORK CARD | Necessary for Mac user both printer driver and network card. |
| | | | ✓ | S-1962 | RISO GOCCOPRO PRINTER DRIVER FOR MAC | Necessary for Mac user both printer driver and network card. |
| ✓ | ✓ | ✓ | ✓ | S-8243 | RISO MASTER HERDENER RED | Contributes in the longevity of the RISO DIGITAL SCREEN MASTER. |
| | ✓ | ✓ | | S-6092 | THERMAL PAPER ROLL (2 rolls, 42cm x 30m) | This thermal paper is for print test paper for QS200. 2 roll package, 42cm wide, 30meter long per roll. |
| ✓ | ✓ | ✓ | | S-7219 | THERMAL PAPER ROLL (2 rolls, 59cm x 30m) | This thermal paper is for print test paper for QS2536. 2 roll package, 59cm wide, 30meter long per roll. |

SCREEN INK Water-based ink for fabric.

| QS 2536 | QS 1836 | QS 200 | GP 100 | DESCRIPTION | Remark |
|---------|---------|--------|--------|--------------|---|
| ✓ | ✓ | ✓ | ✓ | RISOAQUA INK | Black, Red, Blue, Green, Orange, Yellow and White |

RISOAQUA INK

Features

The permeable finish ensures no loss of substrate feel while providing excellent breathability.

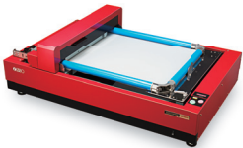



The high transparency allows for rich expression through color mixing effects in overprinting.

Mix colors to create your original color ink.

RISOAQUA INK is Printable on fabric*¹, paper*², and wood*² materials









* 1: Use a fabric made of 50% cotton blended or more. After printing, dry the fabric (paper) thoroughly and iron it on for at least 1 min to avoid color fading.
 * 2: Some substrates are not suitable for printing, including those with a surface finish (art paper, coated paper, varnished wood, etc.). It is essential to test the ink's suitability before use.
 * Please stir the ink well before use.
 * This product is not available in EU countries from 2024 and other certain countries.

| | GOCCOPRO QS2536 | GOCCOPRO QS1836 | GOCCOPRO QS200 | GOCCOPRO 100 |
|---|--|---|--|---|
| |  |  |  |  |
| Screen frame size (Outer dimensions) | Min. 590 mm x 310 mm (23.2" x 12.2") with a frame thickness of 30 mm (1.1") Max. 635 mm x 914 mm (25.0" x 36.0") | Min. 440 mm x 310 mm (17.32" x 12.20") with a frame thickness of 20 mm (0.79") Max. 635 mm x 914 mm (25.00" x 36.00") Using with the screen frame retainer plates 635 mm x 922 mm (25.00" x 36.30") Using without the screen frame retainer plates | Min. 260 mm x 260 mm (10.2" x 10.2") Max. 580 mm x 780 mm (22.8" x 30.7") | — |
| Image area size | Min. 10 mm x 10 mm (0.3" x 0.3") Max. 457 mm x 759 mm (17.9" x 29.8") with a frame thickness of 20 mm (0.7") 455 mm x 734 mm (17.9" x 28.9") with a frame thickness of 45 mm (1.7") | Min. 10 mm x 10 mm (0.39" x 0.39") Max. 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") | Min. 100 mm x 100 mm (3.9" x 3.9") Max. 420 mm x 620 mm (16.5" x 24.4") | Min. 10 mm x 10 mm (0.3" x 0.3") Max. 800 mm x 297 mm (31.5" x 11.6") |
| Screen making time | Approx. 200 sec (A2 image area size) | Approx. 200 sec (350 mm x 594 mm (13.78" x 23.39") image area size) | Within 2 min (A4 image area size) | Approx. 105 sec |
| Resolution | 600 dpi x 1200 dpi (perforation density: 1200 dpi) | 600 dpi x 1200 dpi (perforation density: 1200 dpi) | 600 dpi x 600 dpi | 600 dpi x 600 dpi (perforation density: 1200 dpi) |
| Dimensions | 1215 mm (W) x 800 mm (D) x 410 mm (H) (47.8" x 31.5" x 16.1") | 1215 mm (W) x 800 mm (D) x 410 mm (H) (47.8" x 31.5" x 16.1") | 980 mm (W) x 720 mm (D) x 480 mm (H) (38.6" x 28.4" x 18.9") | During storage: 500 mm (W) x 650 mm (D) x 385 mm (H) (19.6" x 25.5" x 15.1") |
| Weight | Approx. 70 kg (154 lb.) | Approx. 70 kg (154 lb.) | Approx. 67 kg (148 lb.) | Approx. 35 kg (78 lb.) |

•Specifications are subject to change without notice. •RISO, GOCCOPRO and RISO Dry Thermal Screen Making System are either registered trademarks or trademarks of RISO KAGAKU CORPORATION in the United States and other countries. •Mac is trademark of Apple Inc. •Adobe and PostScript are either registered trademarks or trademarks of Adobe in the United States and/or other countries. •Other corporate names and/or trademarks are either registered trademarks or trademarks of each company, respectively.

【Official Social Media Accounts】

| | | | | | |
|--|---|--|---|---|---|
|  Instagram @riso_dts_intl |  |  Facebook @risogoccopro |  |  X (formerly Twitter) @riso_dts_intl |  |
|--|---|--|---|---|---|

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:



GOCCOPRO



GOCCOPRO Forum

As of September 2023