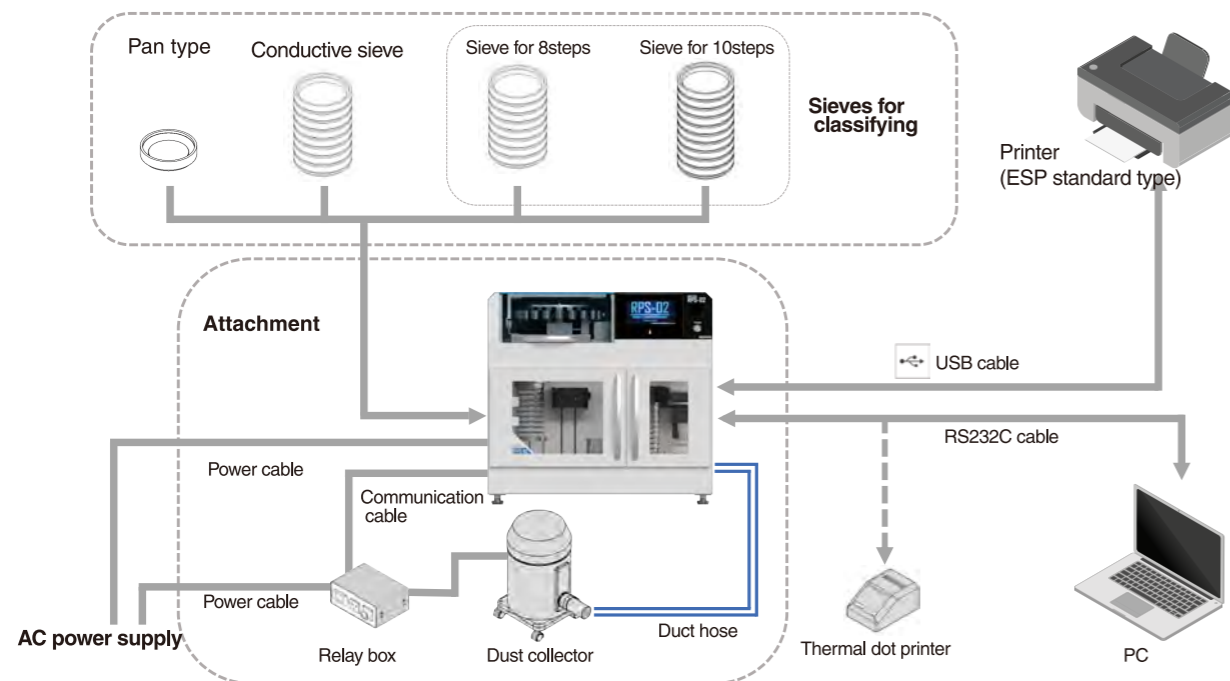


System configuration



Specification

Item	Specification
Model	RPS-02
Dimension	W700 × D560 × H660 mm
Weight	About 90kg
Power	AC100V ~ 240V (50/60Hz) 1.5kw
Number of sieves	Φ75 Exclusive sieves / 8steps (Option 10steps)
Sieve opening range	20 μm ~ 5600 μm
Number of sieves sets	2sets
Number of sample cups / volume	20pcs / 17ml
Sonic wave intensity / frequency	0 ~ 99steps / 40 ~ 99Hz
Temperature / humidity range	5 ~ 40°C / 20 ~ 85% (Do not generate static electricity and condense on the sieves.)
External communication	USB(2.0) × 1port (Printer : ESC/P-R) RS232C × 1port (For PC or Serial printer) Control connector × 1port (For external dust collector control)
Touch panel	Display size : 7" wide, Color : 16million, Resolution : 800 × 400
Built-in electronic balance	Maximum weighing : 2200g (accuracy : 0.01g)

※The equipment which is mentioned in this catalog is made for general powders materials, but not for dangerous materials (poison, explosives). In the case of using it for dangerous materials, please give required process.

※In the case of using the equipment in overseas, it is necessary to offer export country name, company name and end use etc in advance. please feel free to contact the person in charge. your kind understanding would be much appreciated.

※The specification of goods and the pictures in this catalog will be changed without notice.

ROBOT SIFTER

RPS-02

AUTOMATED SONIC SIEVING PARTICLE SIZE ANALYZER

New generation continuous fully automatic Robot sifter with the latest technology to significantly reduce continuous measurement time.



SEISHIN ENTERPRISE CO., LTD. SEISHIN ENTERPRISE CO., LTD.

TEL: +81(0)48-256-9101 FAX: +81(0)48-256-9104

■ HEAD OFFICE	NEX Shinjuku Bldg. 5-34-7, Senjagaya-Shibuya-ku, Tokyo, 151-0051, JAPAN	TEL: +81(0)3-3350-5771 FAX: +81(0)3-3350-5779
■ KITA KANTO BRANCH	740, Koga, Koga, Ibaraki, 306-0016, JAPAN	TEL: +81(0)280-32-3111 FAX: +81(0)280-32-3112
■ TOYAMA BRANCH	Toyama center Bldg. 2-4-4, Sakuracho, Toyama, Toyama, 930-0003, JAPAN	TEL: +81(0)76-482-3602 FAX: +81(0)76-482-3603
■ NAGOYA BRANCH	1-5 Bldg. 2-5-13, Sakae, Naka-ku, Nagoya, Aichi, 460-0008, JAPAN	TEL: +81(0)52-220-1157 FAX: +81(0)52-220-1150
■ OSAKA BRANCH	4F, TEK Daiichi Bldg. 10-40, Hiroshiba-cho, Suita, Osaka, 564-0052, JAPAN	TEL: +81(0)6-6330-1231 FAX: +81(0)6-6330-1235
■ OKAYAMA BRANCH	1-6, Okamachi, Kita-ku, Okayama, Okayama, 700-0867, JAPAN	TEL: +81(0)86-233-0401 FAX: +81(0)86-235-0860
■ SHIKOKU BRANCH	3F, Teikai Bldg. 1-1-23, Miyawakicho, Takamatsu, Kagawa, 760-0005, JAPAN	TEL: +81(0)87-831-7001 FAX: +81(0)87-831-7234
■ UBE BRANCH	1-5-9, Nishihonmachi, Ube, Yamaguchi, 755-0052, JAPAN	TEL: +81(0)836-22-3711 FAX: +81(0)836-22-3714
■ KYUSHU BRANCH	FMT Enokida Bldg. 2-3-23, Enokida, Hakata-ku, Fukuoka, Fukuoka, 812-0004, JAPAN	TEL: +81(0)92-433-1571 FAX: +81(0)92-433-1572
■ ARAKAWA FACTORY	9-37, Midoricho, Kawaguchi, Saitama, 332-0027, JAPAN	TEL: +81(0)48-256-9101 FAX: +81(0)48-256-9104

Home page : www.betterseishin.co.jp e-mail : overseas@betterseishin.co.jp

inquiry...

SEISHIN
ENTERPRISE CO., LTD.

ROBOT SIFTER RPS-02



This equipment is the latest continuous type of robot-sifter that has significantly shortened the continuous measurement time by incorporating accurate position control, robot control technology for high-speed movement, and a newly developed high-speed sieves cleaning function.

Continuous measurement of up to 20 samples are possible, and sample weighing, sieving, calculation, data output, and cleaning of the sieves after measurement are performed fully automatically. By alternately using two sets of sieves, during continuous measurement, the sieves used in the previous measurement are cleaned and prepared for the next measurement.

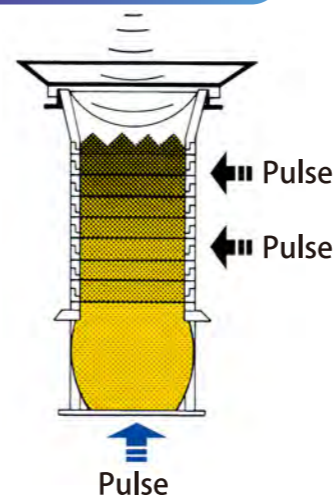
Since it is a sonic sieving measurement, it can be classified efficiently in a short time compared to the vibration shaker and the Ro-tap shaker.

FEATURE

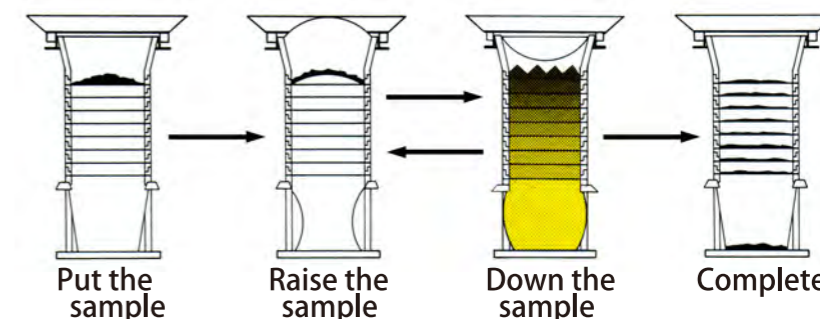
RPS-02 has faster and easier to use with new functions.

- NEW Strengthening of clogging prevention function.**
By strengthening the pulse (hammering) mechanism, the clogging prevention performance of the sieve net has been improved.
- NEW Data output.**
The printer*1 can be connected externally and selected according to the application. RPS-02 is compatible with not only conventional roll paper but also A4 paper printers. *1Printer is optional
- NEW Multi-power supply**
The input voltage to the device is now compatible with AC100V to 240V.
- NEW Consideration was given to preventing data tampering.**
Added support for saving operation screen security functions, operation logs, and data.
- Maximum continuous 20-point measurement and multi-product measurement are now possible.**
Built-in continuous sampler (20 points) in the main body. Since RPS-02 is possible to set up to 2 patterns of sieves with different combinations, it is possible to continuously measure a wide variety of samples by combining sieves with different sieve openings.
- Controllable rise and fall of sound wave.**
Samples with strong static electricity or fine powders are efficiently classified by the rising and falling mechanism of sonic waves.
- Can be online system.**
Online measurement is possible by incorporating an automatic sampling device, an automatic transport device, an automatic reduction device, and RPS-02 into the production line.

Sonic sieving principle



By vibrating only air inside of closed sieves, sample on the sieves continues vertical movement. Sample jumps up from the sieves every half cycle and returns on the sieves next half cycle. Some of the particles pass through the sieves and the others remain on the sieves. This principle minimizes abrasion of sample and sieves. For prevention of adhesion and clogging, pulses also mechanically hit on the bottom and sides of sie



FEATURE

NEW Speed up of Robot hand

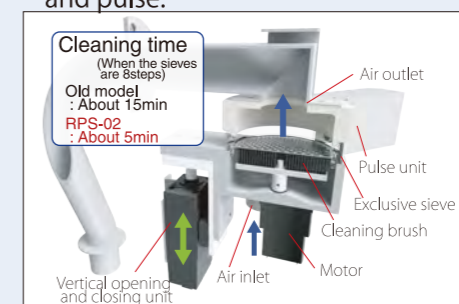
High speed and high accuracy operation compared to the old model.

NEW Significantly reduced sheave cleaning time.

The combination of a spiral-shaped shell and air suction creates a swirling flow, and cleans reliably without reversing the sieve with brushing and pulse.

NEW Adoption of 7inch touch panel

The screen size has been increased, and the operability has been improved. Video and audio guidance function.



※The sample after cleaning is collected by a dust collector.
※RPS-02 does not require compressed air for cleaning.

