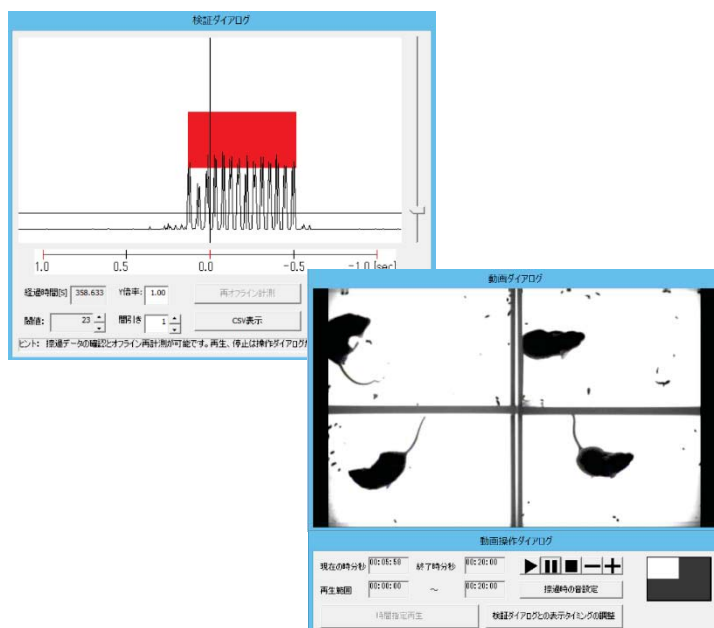


SCLABA[®]-Next

Scratch Counting for LABORATORY Animal-Next

*“Itching” measurement to the next era
Automatic quantification with easy operation*

Manufactured by NOVELTEC, INC



Automatic quantification of
scratching behavior

No Pretreatment
No Consumables

Non-invasive
Stress free

* Specifications are subject to change without notice

SCLABA[®]-N



Comparison with our current products (SCLABA-Real)

Cost down

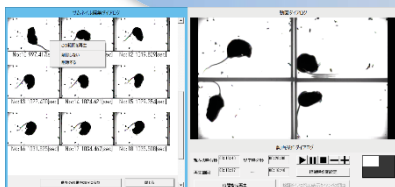
- About 40% down of product price
- No Running cost required as well as current products

High measurement accuracy

- Addition of 2 parameters
- Add filtering process to camera
- Field expansion

High PC performance

- Graphic board mounted
- Change from notebook type to tower type
- CPU memory change (2GB → 8GB)



Besides ...

- Weight reduction of individual measurement data
- Simplification of operation by unifying operation with PC



The SCLABA[®] system can quantify the scratching behavior of small experimental animals (4 animals / 1 unit) for a long time by high-speed camera and software image analysis.

- As a feature
- 1 Enable to get objective quantitative data
 - 2 Enable to get follow-up analysis of measured data
 - 3 Non-invasive, stress-free measurement
 - 4 Reduction of analysis time

There have been many sales results to pharmaceutical companies, contract research organizations, public organizations etc.

System Configuration

PC for analysis	OS	Microsoft Windows10 (64bit)
	CPU	Core i7
	Main	8GB
	HDD	1.0TB
	Power Supply	PC 90-264VAC 0.15A(normal)/ 1.17A(Max)
	Remarks	Graphics board(2GB)
Recording Platform	Size	W470 × D402 × H1040(mm)
	Weight	About 10.0kg
	Power Supply	100~240VAC 4.0A(Max), 50~60Hz
High-speed Camera	Size	W29 × D29 × H38 (mm)
	Weight	90g
	Remarks	Frame rate:240(FPS)
Mouse cage (for 2 mice)	Size	About W300 × D200 × H350 (mm)
	Weight	About 1.3 kg
	Remarks	Acrylic, Matted

* As of April, 2019

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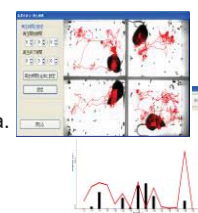
Output data

- Scratching frequency (CSV data)
- Scratching duration (CSV data)
- Movies (MP4 format)

Options

• SCLABA[®]-Next Tracking software (Japanese)

Tracking software measures the amount of activity (spontaneous activity) of experiment data. In addition to drug efficacy evaluation for "itch", verification of side effects by medication can also be performed.



• SCLABA[®]-Next laptop computer for analysis

By using this laptop computer, measurement data can be analyzed out of the system (at any location).

* This product is for analysis only (not for measure).



There are many citation papers for the SCLABA[®] system. If you wish, please visit NOVELTEC website or feel free to contact us.

* Appearance and specifications are subject to change without notice.

Manufacture

NOVELTEC

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