

Universal Testing Machine



SV-55CB

■ Characteristics

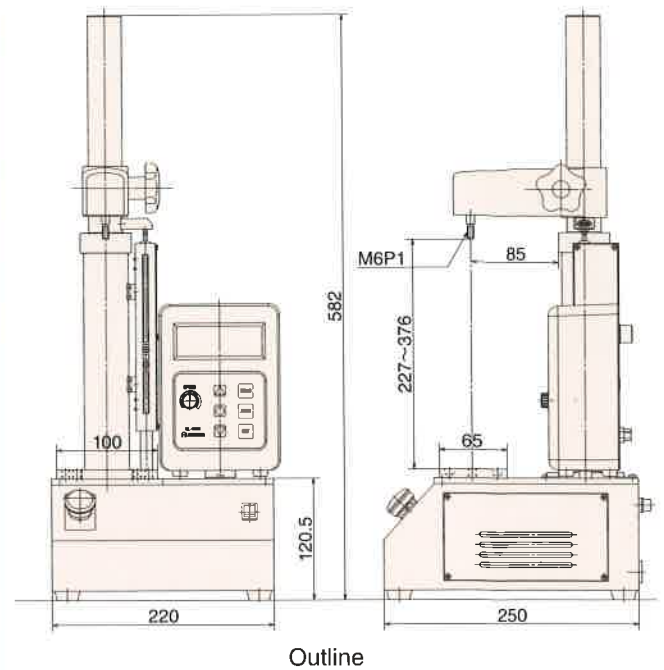
1. Compared to combinations of Digital Force Gauge and Stand, this testing machine is inexpensive, and it can be measured with simple operation.
 - However, it has the functions according to the UTM such as overload protection and software.
2. This testing machine is about 30% smaller and lighter than the previous model.
 - So, you do not have to worry about that place.
3. It can prepare loadcell from 20N to 500N.
 - Therefore, you can choose the one suitable for what you want to measure.
 - In addition, if the 2 range specification type, it will be expanded the measurement range.

**Low cost
&
Small size
However,
Easy to use**



Model SV-55CB Standard Specifications [Table 1]

| | |
|------------------------|---|
| Model | SV-55CB-□ (※1) |
| Maximum Load | 500N |
| Load Display | [Specifications of Load Range] / [Combination of Load Range According to the Model] Reference |
| Load Precision | JIS 1 class (Indication value ±1% range) |
| Drive Type | DC Brushless Motor |
| Speed Range | 15~400mm/min |
| Stroke | 130mm |
| Sample Mounting Span | 227~378mm |
| Displacement to Column | 85mm |
| Table Size | 100×65mm (4 point-M8) |
| Safety Device | Optional Setting Upper and Lower Limit |
| | Overload Prevention Function |
| Convenient Function | Peak Hold Function |
| | Forwarding Function |
| | Auto Start Point Return Function |
| | Judgment Function |
| Output | USB (For Measure software) / For Printer(※2) |
| Power Supply | AC100V~240V 3A |
| Weight | Approx 12kg |
| Size | W220×D250×H582mm (※3) |



(※1) The model symbol is put in □. Refer to [Combination of Load Range According to the Model]

(※2) Digimatic printer output can be installed with additional option (※3) The listed 'height' is measured with lower condition of 'UP/DOWN axis'

Combination of Load Range According to the Model [Table 2]

| Model | Usable Range | Setting Load Range | | | | | | |
|--------------|--------------|--------------------|------|------|-----|-----|-----|----|
| | | 500N | 200N | 100N | 50N | 20N | 10N | 5N |
| SV-55CB-50R1 | 100N ~ 500N | ● | — | — | — | — | — | — |
| SV-55CB-50R2 | 20N ~ 500N | ● | — | ● | — | — | — | — |
| SV-55CB-20R1 | 40N ~ 200N | — | ● | — | — | — | — | — |
| SV-55CB-20R2 | 10N ~ 200N | — | ● | — | ● | — | — | — |
| SV-55CB-5R1 | 10N ~ 50N | — | — | — | ● | — | — | — |
| SV-55CB-5R2 | 2N ~ 50N | — | — | — | ● | — | ● | — |
| SV-55CB-2R1 | 4N ~ 20N | — | — | — | — | ● | — | — |
| SV-55CB-2R2 | 1N ~ 20N | — | — | — | — | ● | — | ● |

Specifications of Load Range [Table 3]

| Load Range | Maximum Load Display | Resolution |
|------------|----------------------|------------|
| 500N | 500.0N | 0.1N |
| 200N | 200.0N | |
| 100N | 99.99N | 0.01N |
| 50N | 50.00N | |
| 20N | 20.00N | |
| 10N | 9.999N | 0.001N |
| 5N | 5.000N | |

※The usable range is recommended at 20~100% of each setting load range.

Example of use

- Peeling tests of the adhesion and the heat seal.
- Tensile test of crimp terminal.
- Various kinds of test such as foods or medical supplies.

Additional Options

- Long Axis /150mm longer axis than the standard.
- Special Speed type (5~120mm/min)
- Printer Output (for Digimatic Printer) (※2)
- Date Processing Software 'Facirec'

- Product structure, appearance, specification etc. It is subject to change without prior notice for improvement.
- For details of this catalog, please contact us.

Examples of Jigs



Film chuck
GC-2-2 (Upper)



Film chuck
GT-71



Pantograph chuck
GC-90AT

※All jigs are sold separately.
Please will select it according to that your test.

Manufacturer



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