



SRT-B200-U



SRT-B5K-U

- Applicable to all types of springs tension, compression tests
- Utilize six-column high-strength load frame structure equipped with four lead screws and two guide columns to ensure stable and reliable loading
- Automatic zero seeking function
- Intelligent determination of qualified/unqualified status via red-green indicator lights
- Force unit: N, kg, lb, displacement unit: mm, in
- Built-in micro-printer for printing current test data
- Supports browsing and viewing of measured data
- With force overload protection, beam limit position protection

## SPECIFICATION

| Part No.                         | SRT-B10-U  | SRT-B50-U | SRT-B100-U | SRT-B200-U          | SRT-B500-U | SRT-B1K-U | SRT-B2K-U |
|----------------------------------|--|-----------|------------|---------------------|------------|-----------|-----------|
| Max. test force                  | 10N  | 50N       | 100N       | 200N                | 500N       | 1kN       | 2kN       |
| Range of test force              | 3%~100%FS  |           |            |                     |            |           |           |
| Resolution of test force         | 1/20000FS  |           |            |                     |            |           |           |
| Accuracy class                   | 0.5 class  |           |            |                     |            |           |           |
| Accuracy of test force           | ±0.5% of indicated value   |           |            |                     |            |           |           |
| Range of displacement speed      | .00039~19.69in/min (0.01~500mm/min)  |           |            |                     |            |           |           |
| Resolution of displacement       | .00039" (0.01mm)   |           |            |                     |            |           |           |
| Accuracy of displacement         | ±(50+0.15L)µm (Note: L is the distance between two compression fixtures, mm) |           |            |                     |            |           |           |
| Max. compression spring height*  | 13.78"   |           |            |                     |            |           |           |
| Max. tension space*              | 13.78"   |           |            |                     |            |           |           |
| Diameter of compression fixture* | 1.97" DIA  |           |            | 4.72" DIA           |            |           |           |
| Power supply                     | AC 110V, 60Hz, 300W  |           |            | AC 110V, 60Hz, 600W |            |           |           |
| Dimension (L×W×H)                | 27.56×12.99×32.68"   |           |            | 27.56×12.99×32.68"  |            |           |           |
| Net weight                       | 154.32lb   |           |            | 374.79lb            |            |           |           |

\*Can be customized according to test requirements

## SPECIFICATION

| Part No.                         | SRT-B5K-U  | SRT-B10K-U | SRT-B20K-U         | SRT-B50K-U | SRT-B100K-U |
|----------------------------------|--|------------|--------------------|------------|-------------|
| Max. test force                  | 5kN  | 10kN       | 20kN               | 50kN       | 100kN       |
| Range of test force              | 3%~100%FS  |            |                    |            |             |
| Resolution of test force         | 1/20000FS  |            |                    |            |             |
| Accuracy class                   | 0.5 class  |            |                    |            |             |
| Accuracy of test force           | ±0.5% of indicated value   |            |                    |            |             |
| Range of displacement speed      | .00039~19.69in/min (0.01~500mm/min)  |            |                    |            |             |
| Resolution of displacement       | .00039" (0.01mm)   |            |                    |            |             |
| Accuracy of displacement         | ±(50+0.15L)µm (Note: L is the distance between two compression fixtures, mm) |            |                    |            |             |
| Max. compression spring height*  | 29.53"   |            |                    |            |             |
| Max. tension space*              | 29.53"   |            |                    |            |             |
| Diameter of compression fixture* | 4.72" DIA  |            | 4.72" DIA          |            |             |
| Power supply                     | AC 110V, 60Hz, 1kW   |            | AC 110V, 60Hz, 3kW |            |             |
| Dimension (L×W×H)                | 29.53×32.68×59.06"   |            | 55.12×31.50×98.43" |            |             |
| Net weight                       | 551.16lb   |            | 1477.10lb          |            |             |

\*Can be customized according to test requirements

## STANDARD DELIVERY

|                       |      |
|-----------------------|------|
| Main unit             | 1 pc |
| Pull clamp            | 1 pc |
| Compression fixture   | 1 pc |
| Security door (≥500N) | 1 pc |