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Instruction Manual Motorized Vertical Test Stand

SAUTER TVO 500N300

Version 1.4
05/2018
GB



PROFESSIONAL MEASURING

TVO-BA-e-1814



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Instruction Manual

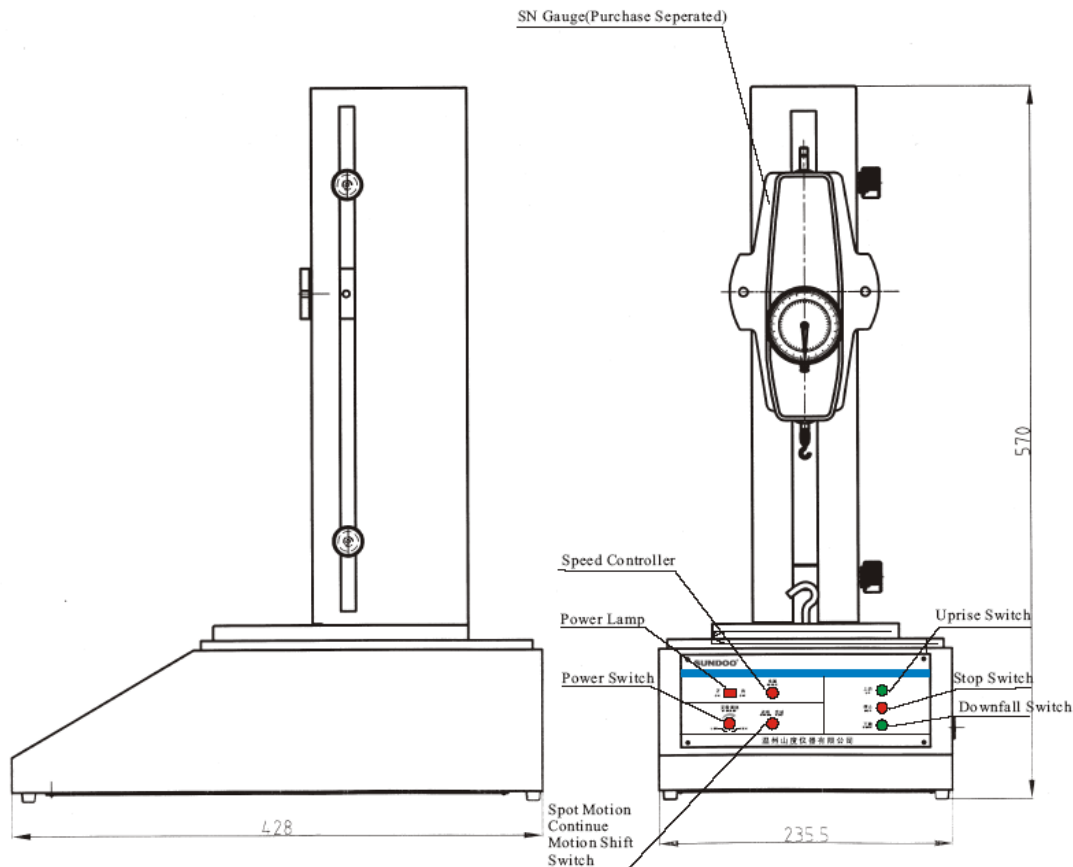
Motorized Vertical Test Stand

Thank you for buying a motorized vertical SAUTER Test Stand. We hope you are pleased with your high quality test stand in table version and with its functional range. If you have any queries, wishes or helpful suggestions, do not hesitate to call our service number.

Summarize:

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1 Construction



2 Function

The electrical vertical test stand TVO500N300 is applied in tension and compression tests. It can be assembled with push and pull gauges. The test stand is of good stability, has got a wide application range and it is easy to operate. Furthermore, it has the advantage of non-polar speed adjustment, manual and automatic operation and auto control of switch function. It is suitable in the field of rubber & plastic products, light industry & textile, construction of frame, complex material, wires & cables, automobile components, engine and scientific research.

3 Specification

Capacity	500N
Measuring stroke	300mm
Maximum measuring speed	500mm/min
Work voltage	Single-phase 220V
Rate flow	1.5A
Fuse of main circuit	3A
Fuse of controlling circuit	0.5A
Working temperature	20± 10°C
Store & Delivery temperature	-27°C up to +70°C
Relative Humidity	15% up to 80% RH

4 Operation

Examine before operation!

- A. The retainer has to be locked, the power has to be switched on by the power switch. The power lamp will be flashing.
- B. The test stand has to be examined if there is any abnormal sound with the test stand moving without load.

Manual (automatic) test

- A. The manual/automatic switch to manual operation position has to be turned on.
- B. The up/ down button on the stand has to be pressed, then the stand will begin to work.
- C. The button has to be loosened, then the test stand will stop working.

Adjustment of test speed

The test speed is adjustable in the course of testing or before the test.

The speed controller has to be turned to the required speed.

5 Maintenance

- A. The environment has to be kept clean; liquid and metal scraps have to be prevented from entering the engine box; otherwise there is the risk of electric shocks or moving components may be damaged.
- B. The column and motion pedestal has to be kept clean of lubricants.
- C. Some lubricant has to be added to the drive stroke and gear after some times of usage.
- D. The test stand has to be kept away from dust and moisture in case if it isn't used.

6 Packing List

- Test stand, main body
- M6 inner-hexagon Spanner
- 230 V power wire
- M6 clamp
- Instruction Manual

Annotation:

To have a look at the CE Declaration of Conformity, please click onto the following link: <https://www.kern-sohn.com/shop/de/DOWNLOADS/>

