

## Instruction Manual TVO

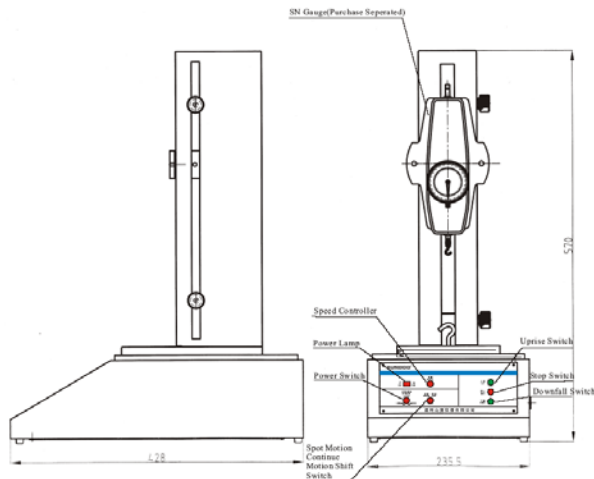
### ELECTRIC VERTICAL TEST STAND TVO500N300



#### Table of contents

1. Construction
2. Function
3. Specification
4. Operation
5. Maintenance
6. Packing list
7. Declaration of Conformity

#### 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.

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### 6. Packing list

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

### 7. Declaration of Conformity



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#### Konformitätserklärung

Declaration of conformity for apparatus with CE mark  
 Konformitätserklärung für Geräte mit CE-Zeichen  
 Déclaration de conformité pour appareils portant la marque CE  
 Declaración de conformidad para aparatos con marca CE  
 Dichiarazione di conformità per apparecchi contrassegnati con la marcatura CE

- English** We hereby declare that the product to which this declaration refers conforms to the following standards.
- Deutsch** Wir erklären hiermit, dass das Produkt, auf das sich diese Erklärung bezieht, mit den nachstehenden Normen übereinstimmt.
- Français** Nous déclarons avec oela responsabilité que le produit, auquel se rapporte la présente déclaration, est conforme aux normes citées ci-après.
- Español** Manifestamos en la presente que el producto al que se refiere esta declaración está de acuerdo con las normas siguientes
- Italiano** Dichiariamo con ciò che il prodotto al quale la presente dichiarazione si riferisce è conforme alle norme di seguito citate.

**TEST STAND: SAUTER TVM, TVM-N, TVO**

Mark applied	EU Directives	Standards
<b>CE</b>		EN 61326:1998+A1:1998+A2:2001

Date: 15.09.2011

  
 Signature: SAUTER GmbH  
 Management

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