

## **DVT KAL**

### **FORCE CALIBRATION SOFTWARE AND KIT**



**CALIBRATION SOFTWARE  
PROGRAM COMPLIANT WITH THE  
STANDARD ISO 17025**

# DVT KAL

## TECHNICAL SPECIFICATIONS

Calibration apparatus to conduct first class measurements in accordance with the standard EN ISO 7500-1.

Ensures high accuracy measurement in tensile compression tester calibration.

### Advantages of DVT KAL

- Enables calibration service providers to calibrate equipment of their customers.
- Automatic receipt of data when used with **DVT DEVOTRANS** equipment.
- Swift and practical solutions for customers when used for force calibration.

### OPTIONAL FEATURES

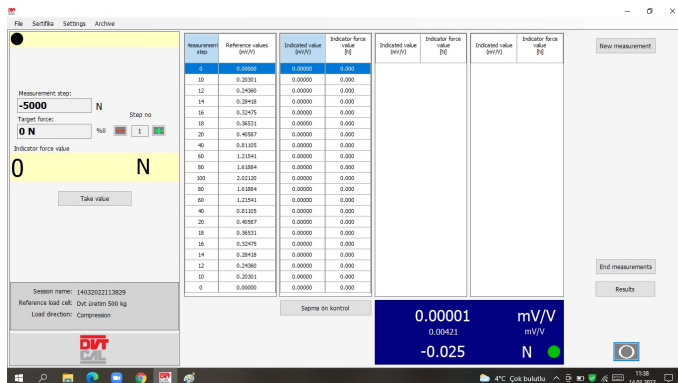
- Load cell
- Connection parts and connection cables
- Accredited calibration

### USED IN

- Calibration laboratories.
- Enterprises that conduct their own calibration operations.

### TECHNICAL INFORMATION

- One-touch data transfer.
- Language options: Turkish, English, French, Russian and Italian.
- Connection between load cell and computer.
- Simultaneous display of force and mV values.
- Measurement capacity range: 1 kN – 100 kN.
- Level of accuracy varying with measurement range.
- Generation of ISO 17025 calibration certificate.
- Automatic archiving.
- Calibration time reduced by 50 to 90%.
- Recording of reading time.
- Automatic generation of standardized reports and performance parameter calculations.
- Allows for easy generation of customized reports.



**9. Sonuçlar**  
Results

Ölçüm kademesi : 5000 N

Uygulanmış kuvvet (mV/V)	1. Ölçüm sınıfı (1. sınıf)	2. Ölçüm sınıfı (2. sınıf)	3. Ölçüm sınıfı (3. sınıf)	Teoriklik sınıfı (4. sınıf)	Ortalama değeri (Average value)	Yayılma değeri (Ref. value)
500	0.20305	0.20383	0.20375	0.20345	0.20374	0.20347
1000	0.40610	0.40766	0.40750	0.40710	0.40724	0.40709
1500	0.60915	0.61071	0.61055	0.61015	0.61029	0.61014
2000	0.81220	0.81376	0.81360	0.81320	0.81334	0.81319
2500	1.01525	1.01681	1.01665	1.01625	1.01639	1.01624
3000	1.21830	1.21986	1.21970	1.21930	1.21944	1.21929
3500	1.42135	1.42291	1.42275	1.42235	1.42249	1.42234
4000	1.62440	1.62596	1.62580	1.62540	1.62554	1.62539
4500	1.82745	1.82901	1.82885	1.82845	1.82859	1.82844
5000	2.03050	2.03206	2.03190	2.03150	2.03164	2.03149

İlginçlenen kuvvet (N)	Ortalama değeri (mV/V)	Yayılma değeri (mV/V)	Teoriklik sınıfı (mV/V)	Ortalama değeri (N)	Yayılma değeri (N)
500	0.20374	0.00395	0.20345	0.395	0.314
1000	0.40724	0.00790	0.40710	0.790	0.628
1500	0.61029	0.01185	0.61015	1.185	0.942
2000	0.81334	0.01580	0.81320	1.580	1.256
2500	1.01639	0.01975	1.01625	1.975	1.570
3000	1.21944	0.02370	1.21930	2.370	1.884
3500	1.42249	0.02765	1.42235	2.765	2.198
4000	1.62554	0.03160	1.62540	3.160	2.512
4500	1.82859	0.03555	1.82845	3.555	2.826
5000	2.03164	0.03950	2.03150	3.950	3.140

Ölçüm kademesi: 5000 N, Ölçme yönü / Direction: Çekme / Tension, Sınıf / Classification: 0,5

**10. Uygunluk Beyanı**  
Statement of Compliance

Ölçme aralığı / Measuring range: 500N - 5000 N, Ölçme yönü / Direction: Çekme / Tension, Sınıf / Classification: 0,5

Yapılan ölçümler uluslararası metrinin tabii metrine, ölçme belirlenmiş olduğu akortlanmış TS EN ISO 7500-1 standardına göre yapılan ölçümlerle aynı şekilde sonuçlandırılmıştır. Ölçüm belirlenmiş sınıf ve ölçüm belirlenmiş sınıfıdır.

After the result of measurements, the testing machine is in the range of deviation according to the TS EN ISO 7500-1 standard. Location and quantity of compliance steps are in line with standardization. If not, it is possible to be in a separate / separate degree.

Kalibrasyon belgesi TS EN ISO 17025 gereğince belirlenmiş sınıf ve ölçüm belirlenmiş sınıfıdır. Ölçüm belirlenmiş sınıf ve ölçüm belirlenmiş sınıfıdır. Ölçüm belirlenmiş sınıf ve ölçüm belirlenmiş sınıfıdır.

Calibration certificate is issued in accordance with the requirements defined in TS EN ISO 17025 standard. It provides reliability of measurement to the extent that the requirements are met. The certificate is issued in accordance with the requirements defined in TS EN ISO 17025 standard. It provides reliability of measurement to the extent that the requirements are met. The certificate is issued in accordance with the requirements defined in TS EN ISO 17025 standard. It provides reliability of measurement to the extent that the requirements are met.

**Note:** DVT DEVOTRANS reserves the right to modify the equipment described in the brochure. The model in the picture may not be the latest one.