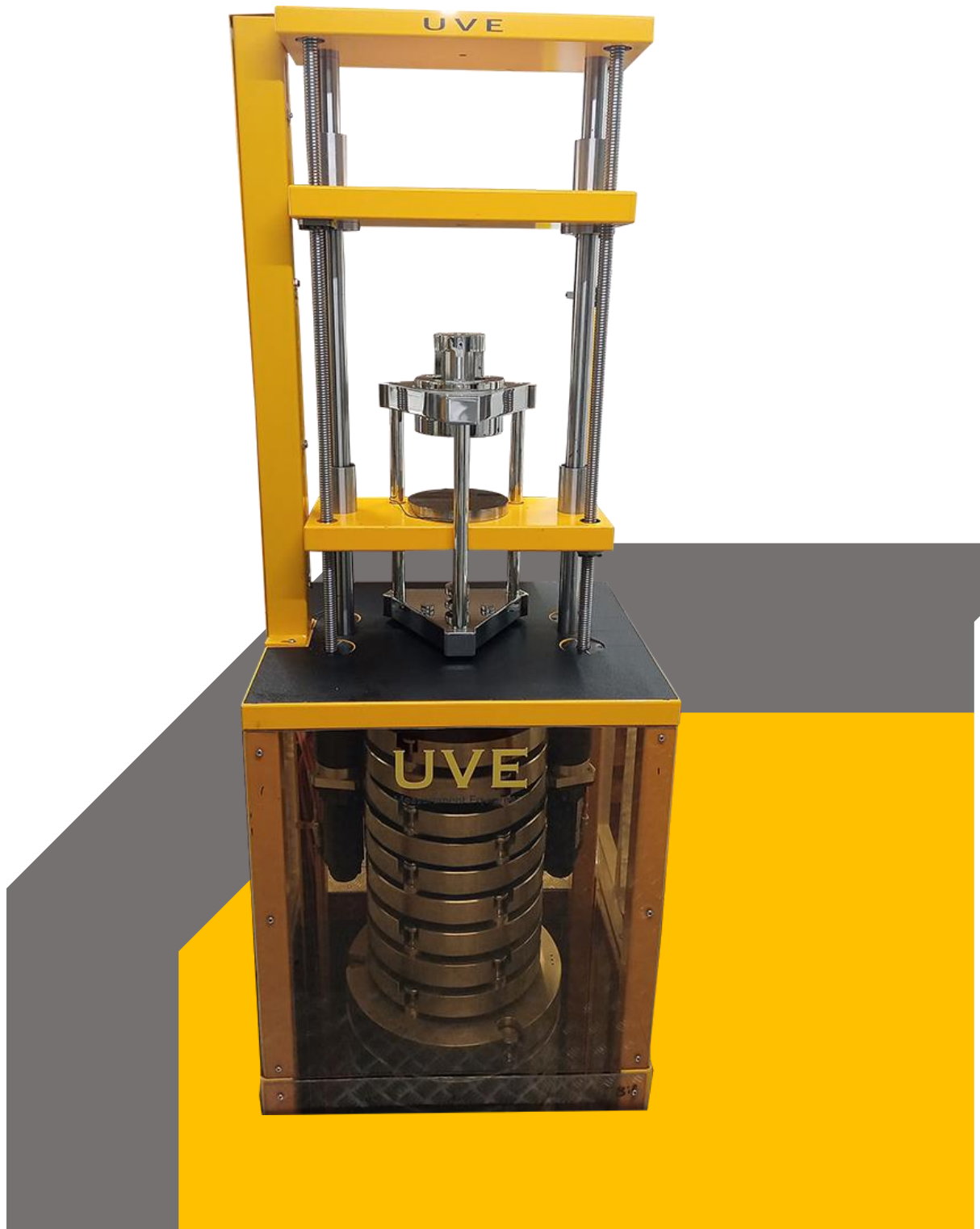


UVE

Measurement Equipment

DEADWEIGHT FORCE
CALIBRATION MACHINES



UVE THE BRAND THAT LEAD THE QUALITY

UVE Deadweight Force Calibration Machines

It is designed and manufactured to perform calibrations of reference force transfer standards and other load cells in accordance with ISO 376, ASTM E 74 and DKD-R 3-9 standards.

Dead Weight Force Calibration System consist of : stainless steel F1 accuracy class reference dead weights, software and computer.

Automatic Calibration
High accuracy, automatic calibration free from personnel errors

Flexible Software
Easy intervention to standard change, template creation,

High Accuracy
With High Accuracy Reference Weights

ISO376, ASTM E74, DKD-R 3-9
Automatic Calibration in Standards



Our Advantages



- It can be used automatically or manually in the pulling and pressing directions.
- The calibration uncertainty of the system is 0.005 %.
- After the calibration, the calibration certificate can be automatically generated by the system.
- While positioning the transfer standard, it offers precise and easy positioning thanks to the wireless control.
- There is an emergency stop button on the machine and external control.
- For transfer standards, negative situations can be prevented thanks to the overload protection included in the system.
- Based on the user presetting, it allows the calibration procedure to be completed automatically, without the need to wait at the machine.

Software

- ✓ The software has the ability to define the calibration procedures required by the standards and including customer specific requirements
- ✓ For standard changes or different calibration procedure, operator can create a new procedure easily and in a very short time.
- ✓ In case the test force measuring device communicates with the system, the system automatically receives and reports the outputs of the test load cell from the defined indicator device.
- ✓ In case the test force measuring device cannot communicate with the system, the instant value of the camera and test indicator device can be recorded as a photograph by the software.
- ✓ Ease of preparing procedures by the user according to national, international and customer specific requests.
- ✓ The software can be used automatically or manually in Turkish, English or requested language as standard.



Technical Specs

Spects	UVE DEADWEIGHT FORCE CALIBRATION MACHINES		
	DWT-1kN	DWT-10kN	DWT-100kN
Capacity max. (kN)	1 kN	10 kN	100 kN
A x B x C (mm)	2730x765x715	3680x800x855	4840x1800x1960
Calibration Method	Compressing and Tensile direction		
Use	Manuel, Automatic		
Controller Speed	0-20 mm/sn		
Software	UVESOFT-DWT V1.0		
Supply voltage	220 VAC / 380 VAC / 50-60 Hz /		
Standards	Ability to create ASTM E74, ISO 376 , DKD-R 3-9		
Control System	Servo motor		

