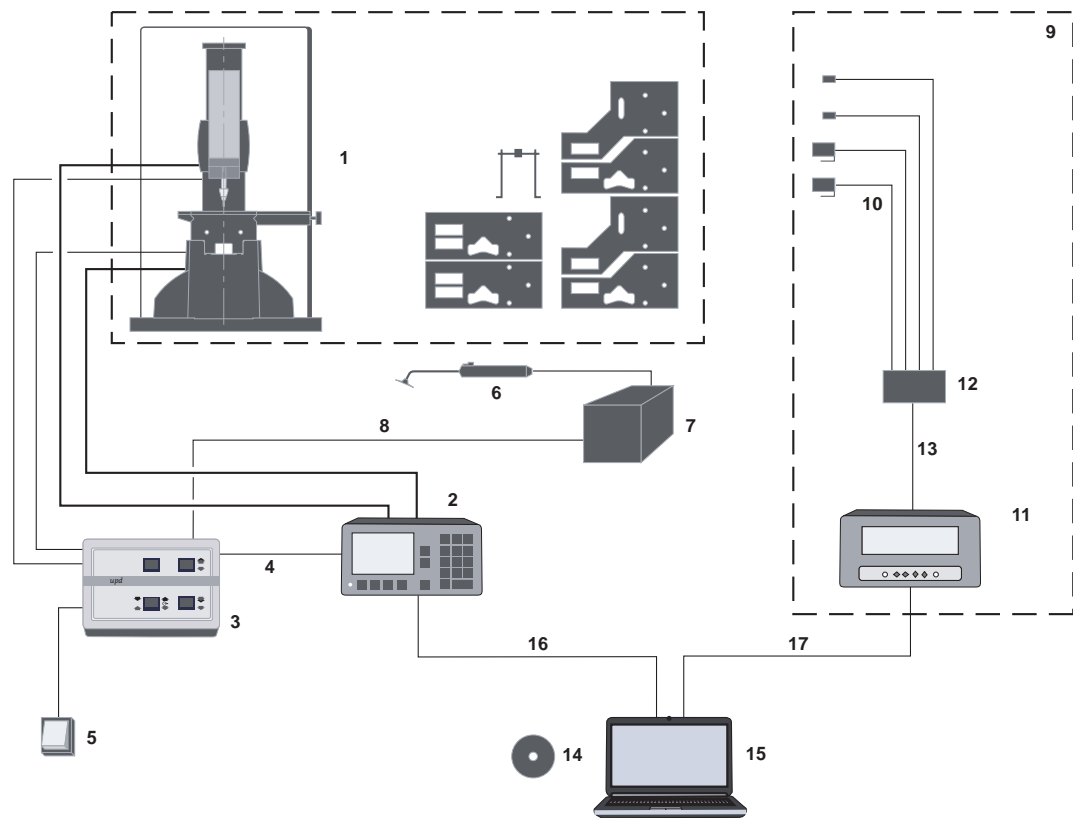


2 different delivery programs

No	=		
05930005		TESA UPD gauge block comparator with temperature device*	•
05930004		TESA UPD gauge block comparator without temperature device	•
CONSISTENT OF:			
05930008		TESA UPD mechanical part	• •
05960016		HEIDENHAIN computing counter ND 287 featuring 2 probe inputs	• •
05960013		Control panel	• •
05960014		Connecting cable for control panel to ND 287 computing counter	• •
04768001		Foot switch	• •
01660011		Suction loader	•
03260433		Electrical vacuum pump with external control, 230 VAC, 50 Hz	•
05960028		Connecting cable for electronic vacuum pump to control panel	•
05930011		TESA UPT temperature device, complete	•

Other delivery program available on request
 * Special execution for 110 VAC, 60 Hz also available on request (ref. S32070030 instead of 03260433)



Errors of Measurement

Provided all metrological conditions are met, the reliability of the comparator used for direct measurement of steel gauge blocks is expressed as follows:

- Repeatability limit (with no influence of external temperature): 0,015 µm
- Uncertainty of measurement: $U = \pm (0,05 + 0,5 \cdot L) \mu\text{m}$ (L in m)
- Condition requires the use of reference standards whose measurement uncertainty is equal to:
 $U \leq \pm 0,015 \mu\text{m}$ for the comparator
 $U \leq \pm (0,02 + 0,2 \cdot L) \mu\text{m}$ (L in m) for the gauge blocks

