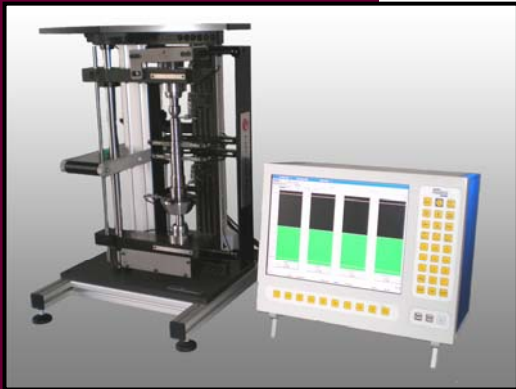
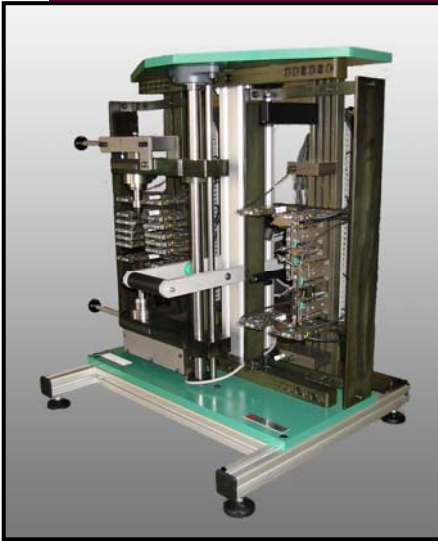


## Hand measuringmachine for shafts



### Possible measurements:

- Diameter
- Length
- Perpendicularity
- Circularity
- Concentricity
- Runout
- etc.

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# HP METEC

When quality becomes reality

HP Metec have developed a universal measuring instrument, in order to measure shafts in quantity production.

The modular structure of the equipment and the variety of standardized elements offer a solution for almost any measuring task.

All system components are in such a way designed that a re-equipment can take place on another type of work piece simply and fast.

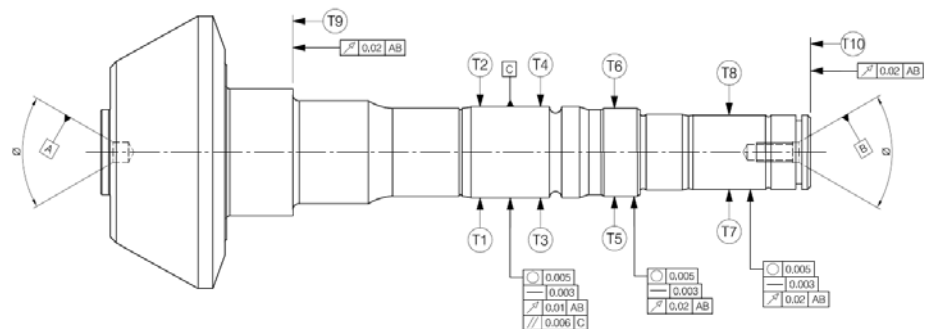
A special clamping system ensures the fact that the work piece positioning without operator influence is possible. A very good measuring accuracy is reached by the use of wear-resistant, highly exact measuring elements (Monoblocs). Under certain circumstances, a repeating accuracy of less than  $1\mu\text{m}$  is possible.

It's possible to measure static or dynamically, in the latter case the lower centre will be driven.

Also the temperature can be measured to make a temperature compensation.

With these characteristics and very simple handling, this measurement system can be used in almost all operating conditions where the highest quality standards are made.

Further information: [www.hpmetec.com](http://www.hpmetec.com)



References: volkswagen · bmw · siemens · schaeffler fag · daf · getrag · atlas copco · linde · vcst · océ · lsw · buvo · thule · ford · brabant alucast · vostermans · mahle · koni · zf · pittler