



TSCHORN®

Mess- und Spannmittel



*Now we remain
SEALED.*



We make it small.

www.3DTaster.de

*Precision is measurable.
- in contrast to child poverty!*



For each sold 3D-Tester, we donate one euro to the "Kinderreich" programme of „Deutscher Kinderschutzbund Schorndorf/Waiblingen“. It will support children in our region who are suffering from poverty or are socially disadvantaged.

ATTRACTIVE DESIGN

3D-Tester VIplus
visuell plus is easier
to read, even at large
machines



3D-Tester SLIMplus
slim, clearly arranged and
handy on all machines

This is the small and slim 3D-Tester:

The 3D-Tester stands out with its robust structure and slim and attractive design. Its precise and versatile capabilities enable fast and easy calculation of work piece reference points and lengths. Probing is possible in all axle directions (X/Y/Z) at the same indicator resolution. As soon as the indicator is at "0", the vertical axis is exactly on the edge of the work piece.

EXTREMELY SLIM

Conventional products

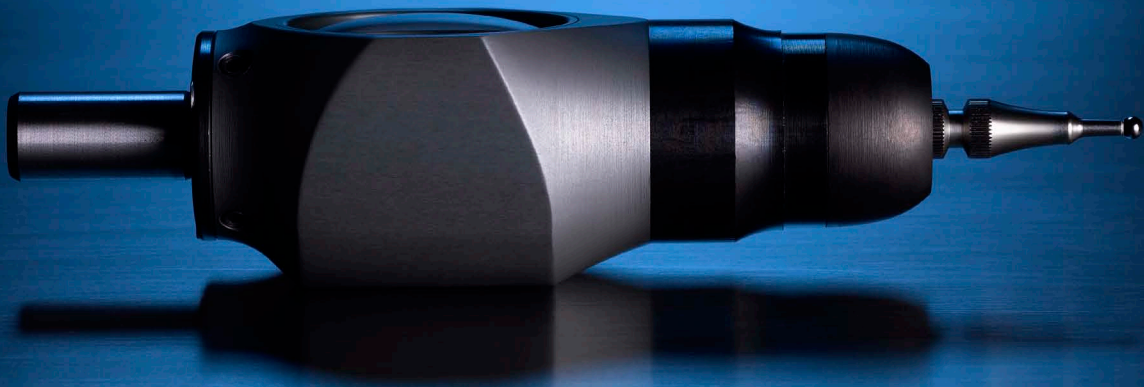


Image to scale 1:1

NON-MAGNETIC



Solid carbide ball Ø3



Standard Ø3

Long Ø6



3D - PROTECTION-SYSTEM

The measuring unit is the most valuable component of the 3D-Tester. Protecting this measuring unit is therefore the most important task. A complete and versatile 3D protection system is integrated into the 3D-Tester. The sensitive clock mechanics are kept safe from any damage.

EXTREMELY ROBUST

The 3D protection system is constructed in 4 levels:

Level 1 - breaking point 1 (= bending the narrow probe tip)



Level 2 - breaking point 2 (= a fracture on the taper)



Level 3 - mechanical limits
(= the probe mechanic's mech. limits in X/Y)

Level 4- mechanical limits
(= the probe mechanic's mech. limits in Z)



ECONOMICAL PROBE TIPS

Conventional probe tips usually break very easily to protect the 3D-Tester sufficiently from damage. Because of this, probe tips are used in large quantities.

Our newly developed stainless steel probe tips have a welded carbide ball. This makes them extremely durable. Smaller capacity overloads can be endured without any damage and do not immediately cause a break.

The 3D-Tester still remains optimally protected. The durability of a 3D-Tester has a lot of savings capacity.

In the amount of approx. 160 euros
(= 8 probe tips x 20 euros).

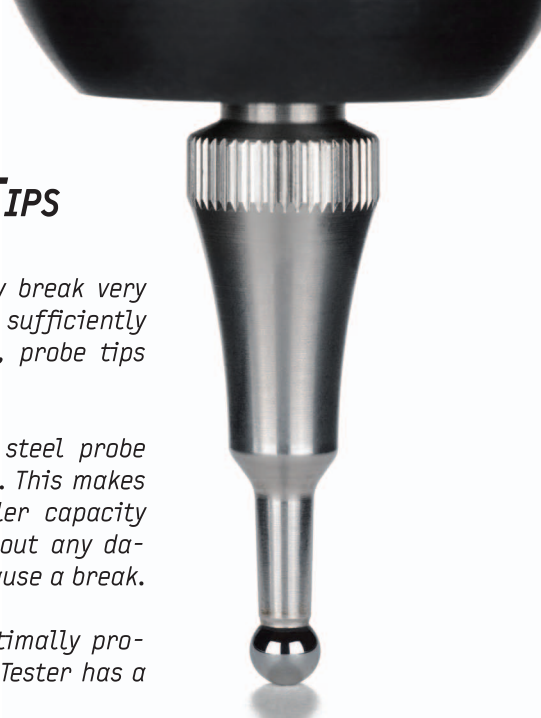
REPAIR SERVICE SIMPLE - FAST - INEXPENSIVE

The 3D-Tester is constructed in a way that the probing unit can be changed. The 3D-Tester must then be fine-tuned and tested. We offer you this flat-rate repair service at a fixed price. If your 3D-Tester develops a defect, just place an order for our repair service which can be done easily and quickly.

Repair service process:

1. place an order for the repair service
2. return the 3D-Tester
3. we immediately undertake a quick check to verify if the measuring unit is working
4. we send a repaired and tested replacement device back to you

The probing unit of the replaced 3D-Tester is factory fresh. Its accuracy level corresponds to that of a new 3D-Tester. Optically, it is almost as new. The total duration of the repair service is just 48 hours (approx.). If the measuring unit is defective, then we will send you a quote.



ORDER DATA:



3D-Tester VIplus
Art-No. 00163V012



3D-Tester SLIMplus
Art-No. 00163D012



Probe tip standard
Art-No. 00163D003



Probe tip long
Art-No. 00163D006



Sealing for 3D-Tester
Art-No. 00163D099

Length ca 124 mm

Art.-No.	Description	Shank	Length	Tracer
00163D008	3D-Tester SLIMplus with shank Ø8	Ø8	ca. 124	Ø3
00163D010	3D-Tester SLIMplus with shank Ø10	Ø10	ca. 124	Ø3
00163D012	3D-Tester SLIMplus with shank Ø12	Ø12	ca. 124	Ø3
00163V008	3D-Tester VIplus with shank Ø8	Ø8	ca. 145	Ø3
00163V010	3D-Tester VIplus with shank Ø10	Ø10	ca. 145	Ø3
00163V012	3D-Tester VIplus with shank Ø12	Ø12	ca. 145	Ø3
00163D003	Probe tip standard	-	27	Ø3
00163D006	Probe tip long	-	62	Ø6
00163D099	Sealing for 3D-Tester	-	-	-
00163D0R0	Repair service 3D-Tester	-	-	-

Prices are ex-works including loading at the factory, however excluding packing and discharging. Sales tax will be added to the price at the legally required amount. The Incoterms 2010: EXW Urbach apply.

Our general terms are apparent on our website www.tschorn-gmbh.de.
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