

TESA-SCAN 52 REFLEX-Click

This model includes the ultimate power of all TESA-SCAN machines, offering high technological performances combined with unmatched ease of use and exceptional price/quality relationship.

Thanks to the added functionality for automatic recognition of the parts to be measured, the REFLEX-Click mode allows them to be quickly and reliably inspected with a single click. The colour coded classification of the measured values enables the analysis of the measurement results at a glance, rendering part inspection especially easy to execute.

Another unique function available in the REFLEX-Click mode is the ability to measure lengths and diameters speedily, making the machine ideally suited for use on the shop floor.



H x L x D
840 x 1000 x
435 mm or
33 x 39,5 x 17 in

0,5 s for
lengths and
diameters

Performances:
see page P-4

24 VDC

10 to 40°C

< 80%



103 kg

Max. workpiece
size (D x L):
100 x 300 mm.
Max. workpiece weight: 4 kg.

< 70 dB (A)

Shipping packaging

Inspection report
with a declaration
of conformity

Performances
are based on
the results obtained
from clean, ground
components
measured at 20°C.
They may be
affected by the
component shape
and surface finish.

	D	L	D	L
	0,5 ÷ 52 mm	300 mm	0,02 ÷ 2.0 in	11.8 in
	0,0001 mm	0,0005 mm	0.000004 in	0.00002 in
20°C ± 1°C	(2 + D/100) µm (D in mm)	(5 + L/100) µm (L in mm)	(0.08 + D/100)/ 1000 in (D in in)	(0.2 + L/100)/ 1000 in (L in in)
2 σ	1 µm	2,5 µm	0.00004 in	0.0001 in

No

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02430090 TESA-SCAN 52 REFLEX-Click (Ø 52 x 300 mm). Measuring machine including 2 male centres TL02-0001. Supplied with PC, mouse, US keyboard, **Windows XP Multilingual** operating system, 20-inch TFT monitor.

02430091 TESA-SCAN 52 REFLEX-Click with rotary headstock



TESA-REFLEX Scan Software

The TESA-REFLEX family has expanded through the addition of the Scan version provided with intuitive graphical interface. The use of the Composer mode allows complex measurements of geometrical part features such as those listed below to be carried out in a simple way.

- Diameters
- Lengths
- Radii
- Angles
- Chamfers
- Threads

Equipped with a rotation axis available as an option, this machine will let you inspect additional features such as:

- Runout
- Coaxiality
- Across-flats



Key Features

- Automatic measurement of lengths and diameters using the REFLEX-Click function.
- Automatic recognition of the parts being measured or the programmes used.
- Intelligent detection of the relevant measurement zones.
- Management of the operator and programming modes.
- Value storage.
- Dynamic displaying of the measurement results.
- Flexible reporting.

