

Leica TM6100A Industrial Theodolite Product Brochure















 Accuracy

 Std. Dev. Hz, V, ISO 17123-3
 0.15 mgon (0.5")

 Display least count
 0.01 mgon (0.01")

Focussing distance

(Shortest focussing distance)
from telescope front lens
from telescope tilting axis
0.60 m

Telescope

Type Panfocal alignment telescope

ImageErectObjective aperture52 mmClear objective diameter40 mm

Focusing Coarse and fine

Telescope tilt

pointing direction down -55° (-60 gon) pointing direction up $+47^{\circ}$ (+52 gon)

Compensator

Setting Accuracy 0.15 mgon (0.5") Setting range 0.07 gon (4")

Special features

Built-in autocollimation device (green negative crosshair)

Illumination AL51 plug-in lamp keyboard switch

Field of view and magnification

Field of view	0.6 m 0.04 m	3 m 0.11 m	10 m 0.26 m	100 m 2.08 m	∞ 1°08′
Magnification Standard Eyepiece	13x	24x	32x	41x	43x
Eveniece FOK53	18x	33x	44x	56x	59x





Autocollimation



Extended battery life



Piezo technology



Whether building the fastest car, the biggest plane, or the most precise tooling, you need exact measurements to improve quality and productivity. So when it has to be right, professionals trust Leica Geosystems Metrology to help collect, analyze, and present 3-dimensional (3D) data for industrial measurement.

Leica Geosystems Metrology is best known for its broad array of control and industrial measurement products including laser trackers, Local Positioning Technology (LPT) based systems, hand-held scanners, 3D software and high-precision total stations. Those who use Leica Metrology products every day trust them for their dependability, the value they deliver, and the world-class service & support that's second to none.

Precision, reliability and service from Leica Geosystems Metrology.

www.leica-geosystems.com/metrology www.hexagonmetrology.com

© 2011 Hexagon Metrology – Part of Hexagon Group All rights reserved.

Due to continuing product development, Hexagon Metrology reserves the right to change product specifications without prior notice. Printed in Germany. September 2011

