

# PRODUCT BROCHURE

# 产品手册

GeoMATO  
迈拓光电

# MTS-300系列 工程型全站仪

MTS300 Series Engineering Total Station



微信公众号

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# 功能介绍

## Function Introduction



# 产品介绍

## Product Introduction

MTS300系列简易测量工程型全站仪，仪器小巧精致，相当于高级经纬仪+测距仪，一般经纬仪只能置角度0，这款仪器可以很方便置水平角度，从0~360度内的任何角度，也可以测距3000米，精度2mm，坐标测量，坐标放样采用导航式提示，操作流程一目了然。

Features:

1. Small and exquisite size.
2. The equivalent of an advanced theodolite and perambulator together.
3. A usual theodolite can only be set to an angle of 0 degrees; however, this total station can easily facilitate horizontal angles and can be set at any angle between 0 to 360 degrees. It can measure up to 3000m with an accuracy of 2 mm.
4. The way of navigation prompt is adopted in coordinate measurement and coordinate setting out, and the operation process is clear and straightforward.

# 技术参数

## Technical Parameters

MTS300 系列简易测量工程型全站仪 MTS300 Series Easy Surveying Universal Total Station				
主要技术参数 Main Technical Specification		MTS302	MTS302R	MTS305
望远镜 Telescope	放大倍率 Magnification	30×		
	视场角 Field angle	1° 30'		
	成像 Image	正像 Erect		
测角部 Angle measurement	最小读数 Minimum reading	1"	1"	1"
	精度 Accuracy	2"		5"
测距部 Distance measuring	最小读数 Minimum reading	1 mm	1 mm	1 mm
	棱镜精度 Prism accuracy	± (2 mm+2 ppm · D)		
	反射片精度 Reflector accuracy	± (2 mm+2 ppm · D)		
	无棱角精度 Non-Prism accuracy	± (5 mm+3 ppm · D)		
	单棱镜测距 Single prism range	3500 m	3500 m	3500 m
	反射片测程 Reflector range	200 m	500 m	200 m
	无棱镜测程 Non-Prism Range	200 m		
数据管理 Data management	内存点 Memory point	50,000 点/points		
	优盘 USB drive	可选 Optional		
显示器 Display	双屏 Dual 192×96 像素/pixel			
工作温度 Working temperature	- 20 °C - + 55 °C			



# 公司简介

## Company Introduction

常州市迈拓光电技术有限公司成立于2002年1月，是一家专业从事全站仪、测距仪、经纬仪、数字电子水准仪，测距、测角、测高传感器研究设计制造和销售的企业，目前迈拓量产品有MTS1200系列全站仪，MTS800系列全站仪，MTS600系列全站仪，MTS300系列全站仪，MET200系列电子经纬仪，DS200系列电子数字水准仪，DS100系列电子数字水准仪，DM200系列测距传感，AM200系列测角传感器，其中全站仪有汉语、日语、英语、法语、德语、意大利语、俄罗斯语、乌克兰语、葡萄牙语、西班牙语、捷克语、土耳其语等10几种语言版本，是德国著名的仪器公司定点生产基地，公司有一批长期从事光电产品开发和研究的技术人员，可以为国内外公司定制产品和技术交流，一起推动仪器技术的进步和发展。

Changzhou GeoMATO Photo-Electronic Technology Co.,Ltd established in Jan., 2002, is a company which is specialized in researching, designing and manufacturing Total Station, Range Finder, Theodolite, Digital Auto-Level, Laser Sensor (measure the range, angle and height).

At present, GeoMATO' s products include: MTS1200series Total Station, MTS800 series Total Station, MTS600 series Total Station,MTS300 series Total Station, MET200 series Electronic Theodolite, DS200 Series Digital Level, DS100 series Digital Level, DM200 series Distance Laser Sensor, AM200 series Angle sensor.

GeoMATO Total Station is available in over 10 languages, including Chinese, Japanese, English, French, German, Italian, Russian, Ukrainian, Portuguese, Spanish, Czech, Turkish, etc. Moreover, GeoMATO is now appointed as the production base of the well-known German instrument companies. GeoMATO has a group of technicians who have been engaged in the research and development of photo-electric products for a long time. They can customize products for domestic and foreign companies according to the clients' requirements.

GeoMATO company is willing to communicate with domestic and foreign companies to promote the progress and development of instrument technology.

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