

PRODUCT BROCHURE

# 产品手册

GeoMATO  
迈拓光电

## MTS-1200系列 全能型全站仪

MTS1200 Series All-round Total Station



微信公众号

Q GeoMATO迈拓光电

# 功能介绍

## Function Introduction



# 产品介绍

## Product Introduction

MTS1200系列全能型全站仪，是一款可以和欧美知名品牌相媲美的全站仪。目标客户是经常使用全站仪的专业测量单位和工程单位，有专业的科班毕业测量技术员，或者操作人员对效率和精度要求高。产品特点为仪器精度高，最大测程可达7500米，功能丰富，中文键盘，中文显示，屏幕大，显示内容多，F1~F5用户都可以自由定义，提高效率，SD卡容量大，U盘蓝牙可选配，配制丰富，和手机、电脑通讯功能齐全，是专业级+实用型全站仪。

Features:

1. Comparable quality with Total Stations from other international well-known brands.
2. Target customers are professional surveying and construction companies with well-trained technicians, which regularly use total stations and have high requirements for efficiency and precision.
3. It is a machine with high precision that can measure up to 7500 m with prism, has a wide variety of uses, a large display screen.
4. The functions of the F1-F5 keys can be set manually by users according to their requirements to improve efficiency, rich in configurations. The communication functions with mobile phones and computers are complete. SD card, USB drive and bluetooth are optional.
5. It is a professional and practical total station.

MTS-1200 系列全能型全站仪						
MTS1200 Series - professional Surveying&mapping All-round Total Station						
主要技术参数 Main Technical Specification		MTS1201R	MTS1202R	MTS1202R+	MTS1202R8	MTS1205R
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	0.5"	1"	1"	1"	1"
	精度 Accuracy	1"	2"			5"
测距部 Distance measuring	最小读数 Minimum reading	0.1 mm	1 mm	1 mm	1 mm	1 mm
	棱镜精度 Prism accuracy	± (1 mm+1 ppm · D)	± (2 mm+2 ppm · D)			
	反射片精度 Reflector accuracy	± (1 mm+1 ppm · D)	± (2 mm+2 ppm · D)			
	无棱镜精度 Non-Prism accuracy	± (5 mm+3 ppm · D)				
	单棱镜测距 Single prism range	5000 m	5000 m	7500 m	7500 m	5000 m
	反射片测程 Reflector range	800 m	800 m	1000 m	1000 m	800 m
	无棱镜测程 Non-Prism Range	400 m	400 m	600 m	800 m	400 m
测量时间 Measuring time		1.8sec	1.0sec	0.4sec	0.4sec	1.0sec
数据管理 Data management	内存点 Memory point	50,000 点/points				
	SD 卡/ SD card	2 G - 16 G				
	优盘 USB drive	可选 Optional				
	蓝牙 Bluetooth	可选 Optional				
显示器 Display		双屏 192 × 128 图像点阵 ( 8 行中文显示 ) Dual 192 × 128 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专业技术人员，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.

常州市迈拓光电技术有限公司  
地址：常州市钟楼区飞龙西路55号  
电话：0519-86988220 / 0519-86766236  
传真：0519-86988220

**GeoMATO**  
迈拓光电