



DE-2AG/DE-2AGLR

DE-2AY/DE-2AYLR

DE-2ALG

Specification

Model No.:		DE-2AG/2AY	DE-2AGLR/2AYLR	DE-2ALG
Tribrach		Detachable		
Telescope	Imaging	Erect Image		
	Magnification	30X		
	Objective Aperture	47mm		
	Resolution	3.75"		
	FOV	1°30'		
	Minimum Focus	1m		
	Multiplication/ Additive Constant	100/0		
		Length		
		162mm		
Angle Measurement	Measuring Mode	Absolute Encoder		
	Minimum Reading	1"/5"/10"		
	Reading Accuracy	2"/5"/20"		
	Circle Diameter	79mm		
	Angle Units	360°/ 400gon/ 6400mil		
Compensator	Tilt Sensor	Yes		
	Range	±3'		
Laser Plummet	Wave Length	/	635nm Red	520nm Green
	Power	/	5mw	1mw
	Accuracy (1.5m)	/	±1mm	±1mm
	Laser Grade	/	Class II	Class II
Optical Plummet (Optional)	Magnification	/		
	Field of View	/		
	Focus Range	/		
Laser Pointer	Wave Length	/	635nm Red	520nm Green
	Power	/	10mw	10mw
	Laser Range (Day Time)	/	200m	200m
	Laser Coaxial Accuracy	/	≤5"	≤5"
	Laser Spot Diameter	/	≤5mm/100m	≤5mm/100m
Vial	Plate Vial	30"/2mm		
	Circular Vial	8'/2mm		
Display	Dual Face	LCD		
Power	Power Resource	Rechargeable NiMH Battery 6V 1800mAh		
	Working Temperature	-10℃ ~ +45℃		

Theodolite



DE-2BR/DEL-2BR/DEL-2BRG



DE-2BY/DEL-2BY/DEL-2BYG



DE-2BG/DEL-2BG/DEL-2BGG

Specification

Model No.:		DE-2BR/ 2BY/2BG	DEL-2BR/ 2BY/2BG	DEL-2BRG/ 2BYG/2BGG
Tribrach		Detachable		
Telescope	Imaging	Upright		
	Magnification	30X		
	Objective Aperture	45mm		
	Resolution	3"		
	FOV	1°30'		
	Minimum Focus	1.35m		
	Multiplication/Additive Constant	100 / 0		
		Length		
Angle Measurement	Measuring Mode	Absolute Encoder		
	Minimum Reading	1" / 5"		
	Reading Accuracy	2" / 5" / 10"		
	Circle Diameter	79mm		
	Angle Units	360° / 400gon / 6400mil		
Compensator	Tilt Sensor	Yes		
	Range	±3'		
Laser Plummet	Wave Length	635nm		
	Power	1mw		
	Accuracy (1.5m)	±0.5mm		
	Laser Grade	Class II		
Optical Plummet (Optional)	Magnification	3x		
	Field of View	5°		
	Focus Range	0.5m—∞		
Laser Pointer	Wave Length	/	Red Laser 635nm	Green Laser 520nm
	Power	/	5mw	5mw
	Laser Range (Day Time)	/	180m	250m
	Laser Coaxial Accuracy	/	≤5"	≤5"
	Laser Spot Diameter	/	≤2mm/ 100m	≤2mm/ 100m
Vial	Plate Vial	30" / 2mm		
	Circular Vial	8' / 2mm		
Display	Dual Face	LED Backlight		
Power	Power Resource	Rechargeable Li-ion Battery 7.4V 1650mAh		
	Working Temperature	-20°C ~ +50°C		



DT-01



DT-02

Specification

Model No.:		DT-01	DT-02
Tribrach		Nondetachable	Detachable
Telescope	Imaging	Erect Image	
	Magnification	30×	
	Objective Aperture	45mm	
	Resolution	1°30′	
	FOV	3″	
	Minimum Focus	1m	
	Multiplication/Additive Constant	100/0	
Angle Measurement	Length	170mm	
	Measurement Method	Absoluteness Angle Encoder System	
	Minimum Reading	1″, 5″	
	Reading Accuracy	2″	
	Circle Diameter	78mm	
	Angle Units	360°/ 400gon/ 6400mil	
Compensator		Auto Vertical Compensation	
Laser Plummet	Inclination Sensor	±3′	
	Range		
	WaveLength	635nm Red	
	Power	1mw	
Optical Plummet (Optional)	Accuracy (1.5m)	1mm	
	Laser Grade	Class II	
Laser Pointer	Magnification	3x	
	Field of View	5°	
	Focus Range	0.5m—∞	
	Wavelength	635nm	
	Power	5mw	
	Laser Range (Day Time)	200m	
Level Sensibility	Laser Coaxial Accuracy	≤5″	
	Laser Spot Diameter	≤2mm/100m	
Display	Plate Level	30″/ 2mm	
	Circular Level	8′/ 2mm	
Power		LCD	
Power	Rechargeable Battery	2pcs* Rechargeable Li-ion Battery 3.7V 1800mAh	
	Working Temperature	-20℃ ~ +50℃	



LDT-302/302L



LDT-402E/402EL



LDT-402A/402AL



Specification

Model No.:		LDT-302/402E/402A	LDT-302L/402EL/402AL
Tribrach		Detachable	
Telescope	Imaging	Erect Image	
	Magnification	30X	
	Objective Aperture	45mm	
	Resolution	3.5"	
	FOV	1°30'	
	Minimum Focus	1.3m	1.5m
	Multiplication/ Additive Constant	100/ 0	
Angle Measurement	Length	156mm	
	Measurement Method	Absolute Coding	
	Minimum Reading	1"/5"	
	Reading Accuracy	2"	
	Circle Diameter	71mm	
	Angle Units	360°/ 400gon/ 6400mil	
Compensator	Tilt Sensor	Yes	
	Range	±3'	
Laser Plummet	Wave Length	635nm Red	
	Power	1mW	
	Accuracy (1.5m)	±1mm	
	Laser Grade	Class II	
Optical Plummet (Optional)	Magnification	3x	
	Field of View	5°	
	Focus Range	0.5m—∞	
Laser Pointer	Wave Length	/	635nm
	Power	/	1mW
	Laser Range (Day Time)	/	200m
	Laser Coaxial Accuracy	/	≤5"
	Laser Spot Diameter	/	≤2mm/100m
Vial	Plate Level	30"/ 2mm	
	Circular Level	8' / 2mm	
Display	Dual Face	LCD	
Power	Rechargeable Battery	NiMH Battery 4.8V 1500 mAh	
	Working Temperature	-20 C ~50 C	
Output	Data Output	RS232C	
	Memory(points)	1000	

ANKEENS

