

GOTO'S TELESCOPE

(February 1, 1958)

ical Telescopes

Model No.	Commodity.	Mechanism	Lens Aperture	Effective Aperture	Focal Length	Magnification		Accessories																
								Eyepieces		Diagonal Prism	Star and Sun prism	Erecting prism	Finder	Sun-spot projector	Sun glass	Moon glass	Driving clock	Star spectro-scope	Dividing circle	Wooden case				
						Astronomical	Terrestrial	Astronomical	Terrestrial															
101	Telescope Making Kit.		42mm	40mm	1,000mm	40×	80×		12.5~25mm(c)															
101-B	Completed Kit.	Alt-azimuth (No slow motion)	"	"	"	"	"		"															
102	Diana.	"	"	"	"	"	"	33×	"	30mm														
103	Comet.	"	"	"	750	38×	75×	25×	10~20(c)	"	1												1	
104-B	2 1/2" Alt-azimuth.	Vertical and horizontal slow motion.	63	60	900	45×	90× 150×	Same as left	6, 10~20(c)		1		1	1									1	
104	2 1/2" "	Vertical and whole round horizontal slow motion.	"	"	1,200	48×	96× 133× 200×	"	6, 9, 12.5~25(c)		1		1	1									1	
105	2 1/2" Equatorial.	R. A. and D. E. whole round slow motion.	"	"	"	"	" " " "	"	" " "		1		1	1								(Sun-spot screen)	1	1
106	3" "	"	78	75	1,300	52×	104× 144× 217×	"	" " "			1	1	1									1	
107	3" Alt-azimuth.	Vertical and whole round horizontal slow motion.	"	"	"	"	" " " "	"	" " "			1	1	1									1	
201	Uranus Alt-azimuth.	"	63	60	900	36×	72× 150×	30×	6, 12.5, 25	30mm	1			1	1	1							1	
202	Eros Equatorial.	R. A. and D. E. whole round slow motion.	"	"	"	"	" " "	"	" " "	"	1			1	1	1						2	1	
203	3" "	"	84	80	1,200	30×	48× 96× 200×	"	" " " 40			1		1	1	1						2	1	
204	4" "	"	105	100	1,500	38×	60× 120× 250×	"	" " " "			1		1	1	1				1		2	1	
205	4 1/2" Reflector.	D. E. and whole round R. A. slow motion.	115	115	1,200	48×	96× 200×	"	" " "					1	1	1							1	
206	6" "	"	153	153	1,600	64×	128× 267×	"	" " "					1	1	1								
302	4" Equatorial (Iron pillar).	R. A. and D. E. whole round slow motion.	105	100	1,500	38× 60× 120× 250× 375×			4, 6, 12.5, 25, 40				1		1					1			2	
303	6" " "	"	157	150	2,250	56× 90× 125× 180× 250× 375× 562×			4, 6, 9, 12.5, 18, 25, 40			Each 1		1		3	1	1	1			2		
304	8" " "	"	210	200	3,000	50× 75× 120× 167× 240× 333× 500× 750×			4, 6, 9, 12.5, 18, 25, 40, 60			" 1		1		3	1	1	1			2		

Combined type eyepiece.

GOTO'S OPTICAL PARTS AND ACCESSORIES

Diagonal Prism

Star	No.	Size	Length
	No. 501	Small size	20mm
	502	Medium size	25
	503	Large size	40

Star and Sun	No.	Size	Length
	No. 504	Medium size	25mm

Sun only	No.	Size	Length
	No. 505	Large size	40mm

Erecting Prism

No. 506	Educational Type	25mm
507	Prism Box Type	"
508	Large Prism Box Type	30

Finder

No. 510	(18mm Dia. 6×) With holder
511	(22" " 7×) "
512	(30" " 10×) "

Comet Finder

No. 513	(100mm Dia. 13× ~ 32×) With holder
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Sun Glass (Sun Filter)

No. 521	With cell
522	Educational Type
523	Without cell

Moon Glass (Moon Filter)

No. 524	With cell
525	Without cell

Star Spectroscope

No. 531	(With case)
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Sun Prominence Spectroscope

No. 532	(3 amici prism, collimator telescope eyepiece, micrometer, position filer and case)
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★ Direct Vision Spectroscope (Not for astronomical use)

No. 533	Type A (With adjustable slit, and case)
534	Type B (With adjustable slit, comparative prism, reflecting mirror, and case)

★ Objective Lens

Educational Type (Achromatic)

No.	Lens Dia.	Effective Dia.	Focal Length
No. 541	42mm	40mm	1,000mm (With bakelite cell)
542	63	60	1,200 (")
543	78	75	1,300 (With aluminium cell)

Best Quality Type (Achromatic, with brass cell)

No. 544	42mm	40mm	750mm (With aluminium cell)
545	51	49	500
546	58	55	800
547	63	60	900
548	84	80	1,200
549	105	100	1,500
550	157	155	2,250
551	210	200	3,000
552	315	300	4,500

★ Eye-piece

Focal length	Huygens	Mittenzwey Huygens	Ramsden	Kellner	Orthoscopic	For Terrestrial
4mm	—	—	—	—	No. 641	—
6	No. 562	No. 582	—	No. 622	No. 642	—
9	563	583	—	623	643	—
10~20	564	—	—	—	—	—
12.5	565	585	—	625	645	—
12.5~25	566 (Educational)	—	—	—	—	—
"	567	—	—	—	—	—
16	—	—	No. 608	—	—	—
18	569	589	—	629	649	—
25	570	590	—	630	650	—
30	571	—	—	—	—	671 (Educational)
"	—	—	—	—	—	672
40	572	592	—	632	—	—
60	—	—	—	633	—	—

★ Main Mirror

No.	Diameter	Focal length
No. 701	4½" (115 mm)	1,200mm (Spherical)
702	6" (153 ") About	1,350 (Parabolic)
703	8" (210 ") "	1,650 (")

★ Flat Mirror

No.	Minor axis	
No. 706	23mm	(For 4½")
707	30	(" 6 ")
708	40	(" 8 ")

★ Reflector Parts

Aluminium Mirror Cell (With mirror cap, light axis adjusting screws)

No. 711	For 4½"
712	" 6 "
713	" 8 "

Flat Mirror Holder (3 supporter, light axis adjusting screws)

No. 716	For 4½"
717	" 6 "
718	" 8 "

Eyepiece Holder

No. 720	For 4½"
721	" 6 "
722	" 8 "

★ Sun-spot Projector

No. 731

★ Sun-projecting Screen

No. 732

★ Sun and Moon Camera

No. 741	For 3"~4"	Telescope
742	" 6"~8"	"

★ Star Camera

No. 743	For 3"~4"	Telescope
744	" 6"~8"	"

★ Triple Eye-piece Revolver

No. 745

★ Position Filer Micrometer

No. 746
