

<b><i>Microscope Comparison Sheet</i></b>	Elementary Compound APO408 004941	Student Compound AP1500WL 004940	Student Compound AP1510WL 004942	Walter Products 3000FF 010034	Walter Products 3000F-RC 044840	Walter Products 3000FF100 010035	Walter Products 3000F100RC 044839	Biology Lab w/ Microscope National Optical 008777	My First Lab Duo-Scope 042050	TK2 Scope Microscope Kit 043174
<b>Construction</b>										
cast alloy	x	x	x	x	x	x	x	x	metal & plastic	metal & plastic
<b>Monocular Head</b>										
10X widefield eyepiece	x	x	x	x	x	x	x	x	x	x
built-in pointer	x	x	x	x	x	x	x	x	x	x
45° inclined head	x	x	x	x	x	x	x	x	x	x
360° rotation	x	x	x	x	x	x	x	x		
<b>Objectives</b>										
nosepiece	triple	triple	quadruple	triple	triple	quadruple	quadruple	triple	triple	triple
DIN objective	x	x	x	x	x	x	x	x	optical glass	optical glass
achromatic, parfocal, parcentric	x	x	x	x	x	x	x	x	lenses	lenses
4X, 10X, 40X	x	x	x	x	x	x	x	x	x	x
100X			x			x	x			
maximum magnification	400X	400X	1000X	400X	400X	1000X	1000X	400X	400X	400X
<b>Illumination</b>										
abbe NA condenser	fixed .65	fixed .65	moveable 1.25	fixed .65	fixed .65	moveable 1.25	moveable 1.25	fixed .65		
diaphragm	6 hole disc	6 hole disc	iris	5 hole disc	5 hole disc	iris	iris	5 hole disc	6 hole disc	6 hole disc
light bulb	LED	LED	LED	5W flourescent	LED	5W flourescent	LED	20W tungsten	dual LED	dual LED
<b>Power Source</b>	AC / rechargeable	AC / rechargeable	AC / rechargeable	AC	AC / rechargeable	AC	AC / rechargeable	AC	3 AA batteries	3 AA batteries
<b>Stage</b>										
approximate size	90 mm <sup>2</sup>	120 mm <sup>2</sup>	120mm <sup>2</sup>	102mm <sup>2</sup>	102mm <sup>2</sup>	102mm <sup>2</sup>	102mm <sup>2</sup>	115mm <sup>2</sup>	80mm <sup>2</sup>	80mm <sup>2</sup>
spring loaded stage clips	x	x	x	x	x	x	x	x	x	x
mechanical stage			x			x	x			
<b>Adjustment</b>										
separate fine/coarse focus	x	x	x	x	x	x	x	x	coarse focus only	coarse focus only
adjustable stage stop	x	x	x	x	x	x	x	x		
slip-clutch		x	x							
<b>Warranty</b>	5 yr limited	5 yr limited	5 yr limited	5 yr limited	5 yr limited	5 yr limited	5 yr limited	lifetime limited		
<b>Included w/ Microscope:</b>	dust cover	dust cover	dust cover	dust cover	dust cover	dust cover	dust cover	dust cover	5 blank slides, 4 prepared	5 blank slides, 4 prepared
	charger	charger	charger	data sheet	charger	immersion oil	charger	data sheet	slides, concave slide,	slides, concave slide,
	data sheet	data sheet	immersion oil		data sheet	blue disc filter	immersion oil		cover glasses, pipette,	cover glasses, pipette,
			blue disc filter			data sheet	blue disc filter		forceps, lens paper,	scalpel, forceps,
			data sheet				data sheet		plastic test tube	lens paper, small petri
									small petri dish	dish, teasing needle,
									teasing needle	red & blue dye
									red & blue dye	dust cover
									user's manual	experiment manual