

Homedics 900 Dual Digital Scale

Assembly	Parts	Quantity	Description	Approximate Cost
Frame Assembly	Outer Screws	20	Attaches frame panels to the glass plate	
	Plastic Frame Panels	4	Panels to cover the electronics	
Body Assembly	Large Plate Screws	8	Attaches backplate to frame	
	Internal Body Screws	4	Holds internal components together	
	Long Central Screw	1	Holds diffuser in place	
	Backplate	1	Covers internal components	
	Front Panel	1	Displays analog numbers to which the dial points	
	Battery Pack Cover	1	Covers the battery compartment	
	Glass Plate	1	Primary surface for stepping on the scale	\$2.55
Foot-Sensor Assembly	Plastic Pressure Covers	4	Surrounds rubber feet and hides strain gauge	
	Circular Plastic Mount	4	Base in which all other parts on foot assembly are placed	
	Rubber Feet	4	Covers strain gauge, provides protection	
Electronic Assembly	Strain Gauge	4	Measures change in resistance that correlates with weight displayed	\$0.58
	Circuit Board Screws	4	Holds circuit board in place	\$5.40
	Printed Circuit Board	2	1: Microprocessor, 2: LED mount and driver	
	LED	3	Lights up diffuser and helps display LCD output	\$0.75
	Glass Light Diffuser	1	Diffuses light to evenly distribute along the surface of the display	\$4.88
	Polarized LCD Screen	1	Displays digital data	
	Solenoid	2	Drives mechanical assembly	
Mechanical Assembly	Wires	16	Connects strain gauges and batteries to circuit board	
	Button	1	Switches between kg and lbs display	
	Gears	4	Turns pin and dial	
	Pin	1	Connects dial to gears	
	Dial	1	Displays analog data	
				\$14.16

mate Price