

Component	Part Number	Description	Material	Source	Quantity	Acquisition Price	Unit Price	Comments
Ball	9529K15	Hardened Bearing-Quality 440C Stainless Steel Ball, 1/4" Diameter	440C Stainless Steel	McMaster-Carr	1	\$ 13.32	\$ 0.13	Sold in pack of 100
Main body	X-clometer_MainBody	Single perpendicular cavity, solid enclosure	PLA	Fabricated using Prusa i3 MK3S 3D printer	1	\$ 0.49	\$ 0.49	Layer Height: 0.15mm SPEED; Support: none; Infill: 25%; print time: 2h12m ; 19.7g
Front Cover	X-clometer_frontCover	Rectangular panel with L label	PLA	Fabricated using Prusa i3 MK3S 3D printer	1	\$ 0.10	\$ 0.10	Layer Height: 0.15mm SPEED; Support: none; Infill: 25%; print time: 16m; 3.49g
Back Cover	X-clometer_backCover	Rectangular panel with marker grooves	PLA	Fabricated using Prusa i3 MK3S 3D printer	1	\$ 0.09	\$ 0.09	Layer Height: 0.15mm SPEED; Support: none; Infill: 25%; print time: 16m; 3.87g
Solder Paste	4860P-35G	MG Chemicals 4860P 63/37 No Clean, Leaded Solder Paste, 35 g (1.2 oz) Pneumatic Dispenser (Complete with Plunger & Dispensing Tip)	63Sn/37Pb	Amazon	1	\$ 16.51	\$ 1.65	~3.5g of solder paste is needed
Attachment (option 1 - Metal Clip)	TC-01	Tablecloth Clip (4.5 x 7.5 cm)	Stainless Steel Magnet	Amazon	1	\$ 8.99	\$ 0.30	Sold in pack of 30. Must be cut to length
Attachment (option 2 - Magnet)	NDFEB 10X5X1.9MM	5mm x 10mm x 1.9mm rectangular magnet	Neodymium Iron Boron (NdFeB)	Mouser	2	\$ 0.68	\$ 1.36	Price lowers when buying in bulk
Attachment (option 2 - Tape)	15D664	UPVC Double Sided Tape, Acrylic Adhesive, 8.50 mil Thick, 1/4" X 36 yd., Clear	UPVC	Grainger	1	\$ 7.15	\$ 0.01	Cut into 5 x 10mm strip
Attachment (option 3 - 3D printed Clip)	3D Clip	90 Degree mounting clip	PLA	Fabricated using Prusa i3 MK3S 3D printer	1	\$ 0.06	\$ 0.06	Layer Height: 0.15mm SPEED; Support: none; Infill: 25%; print time: 30m ; 2.6g
Attachment (option 1 & 2 - Epoxy)	4200101	Gorilla 2 Part Epoxy, 5 Minute Set, .85 ounce Syringe, Clear	2 Part Epoxy	Amazon	1	\$ 4.97	\$ 0.50	.085 ounces used
Glues (option 3 - Plastic & Model Cement)	90225	Devcon 90225 Duco Plastic and Model Cement - 0.5 oz.	Plastic & Model Cement	Amazon	1	\$ 6.27	-	Can't be used with ABS parts. Validated only on PLA parts
Glues (option 3 - Super Glue)	4044200	Gorilla Glue 4044200 Super Glue, 15gm Bottle	Super Glue	Amazon	1	\$ 4.48	-	Can be used on rigid thermoplastics (ABS, PLA, PETG)
						X-clometer with metal Clip	\$ 3.26	
						X-clometer with magnet	\$ 3.83	
						X-clometer with 3D printed clip	\$ 3.02	