


**Equipment For Instrument WorkShop****Specification of Workshop Collimater**

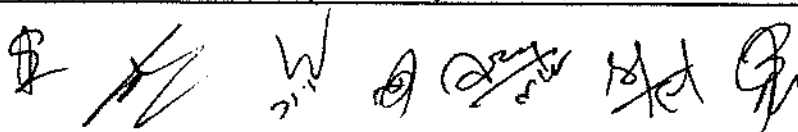
S.N	Parameter	Technical Specifications	Remarks
1	Features	Must be compatible for Functional Testing of Sighting equipments (Dial Sight 102 A of mortars, 104A of Field Guns, Telescopic Sight of 84 mm Karl Gustaf and 40 mm Rocket Luncher)	
		Must include all standard accessories including manuals	
2	Warranty	Minimum 2 years/provided by OEM whichever is greater	
3	Standard	ISO or equivalent	

**Specification of Desiccator Jar**

S.N	Parameter	Technical Specifications	Remarks
1	Height	Minimum 200 mm	
2	Diameter	Minimum 250 mm	
3	Features	Greased rotating collar valve to facilitate vacuum desiccation	
		Solid glass lid with collar valve, metal plate, and a recessed base for desiccant containment	
		Ideal for removing moisture from solids, storage of hygroscopic chemicals, and applications requiring vacuum desiccation	
4	Warranty	Minimum 2 years/provided by OEM whichever is greater	
5	Standard	ISO or equivalent	

**Specification of Glass Jar**

S.N	Parameter	Technical Specifications	Remarks
1	Color	Clear	
2	Usage	For Storing Lens, Sight	
3	Material	Glass	
4	Lids	Air tight and robust	
5	Closure	Screw Lids	
6	Type	Hexagonal	
7	Features	Moisture resistant, Unbreakable, Unscrachable	
8	Capacity	Minimum 1 L	
9	Warranty	Minimum 2 years/provided by OEM whichever is greater	
10	Standard	ISO or equivalent	



### Specification of Lens Grinder

S.N	Parameter	Technical Specifications	Remarks
1	Power Supply	220 V AC @ 50 Hz	
2	Power	Minimum 120 W	
3	Weight	Maximum 12 Kg	
4	Features	Safe railing with auto-switch	
		Auto water-supply system, so it's convenient, safe and clean	
		Durable in use, as it has large diameter 150 diamond wheel.	
5	Warranty	Minimum 2 years/provided by OEM whichever is greater	
6	Standard	ISO or equivalent	

### Specification of Working Glass Box

S.N	Parameter	Technical Specifications	Remarks
1	Dimension	Min 400 x 200 x 200 mm	
2	Lid Seal	Tight	
3	Features	Fine Finish	
		Easy to use	
		Light weight	
4	Material	Acrylic Glass Box	
5	Warranty	Minimum 1 year/provided by OEM whichever is greater	
6	Standard	ISO or equivalent	

### Specification of Tripod Testing Scale

S.N	Parameter	Technical Specifications	Remarks
1	Features	Should be compatible with adapters for Dial Sight 102A and 104A	
5	Warranty	Minimum 1 year/provided by OEM whichever is greater	
6	Standard	ISO or equivalent	

### Specification of Nitrogen Purging Machine

S.N	Parameter	Technical Specifications	Remarks
1	Features	Electrical kit that enables performing high (Minimum 45 psi) and low pressure nitrogen purge, fill up and leak tests for Electro-optical Devices	
		Should performs air & nitrogen extraction, nitrogen fill-up, Leak testing (pressure maintenance) and High pressure purgation.	
		Operates using a self-contained rechargeable battery with extended operation life that allows for easy mobility and performance in the field	

		Built-in electrically operated and controlled vacuum pumps and pressure
		Capable of operating with a variety of night vision devices
		Should includes all standard components (Main Purging Control Unit (MPCU), Gas cylinder, Nitrogen and NVD quick connection tubes, Purge standard adapter – for PVS-7 and PVS-14, Battery charging unit (220V), Operation manual, Heavy duty case, Purge adapters: M3, M6)
2	Warranty	Minimum 2 years/provided by OEM whichever is greater
3	Standard	ISO or equivalent

### Specification of Hand Drill Machine

S.N	Parameter	Technical Specifications	Remarks
1	Input	220 VAC @ 50 Hz	
2	Type	Mini Drill	
3	Drill diameter	Upto 6 mm	
4	No Load Seed RPM	Minimum 10000 RPM	
5	Power	Minimum 240 W	
6	Accessories	Incudes all standard accessories with grinder motor, carbon brush, chuck key and drill bits Set	
7	Standard	ISO or Equivalent	
8	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Lens Meter

S.N	Parameter	Technical Specifications	Remarks
1	Tilting angle	0 - 90 degree	
2	Vertex Power Range	Minimum -25 to 25 diopters	
3	Step	0.125 diopters up to $\pm 3$ diopters	
4	Cylindrical Axis	0 to 180° in Step 1°	
5	Eyepiece Focusing	Min +5 to -5 diopters	
6	Lamp	AC 220V to 240V; 6W	
7	Accessories	Includes all standard accessories with battery	
8	Warranty	Minimum 2 years/provided by OEM whichever is greater	
9	Standard	ISO or equivalent	

### Specification of Pin Vice

S.N	Parameter	Technical Specifications	Remarks
1	Capacity	2 double end collets with capacity 0 to 3.2 mm	
2	Features	High quality hardened steel collets for superior grip	
		Free wheeling swivel head on opposite end	
		Easy to tighten and loosen the end	

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		Screw chuck tightly holding miniature tools and jobs	
3	Warranty	Minimum 2 years/provided by OEM whichever is greater	
4	Standard	ISO or equivalent	

**Specification of Hand Vice**

S.N	Parameter	Technical Specifications	Remarks
1	Type	Hand Vice	
2	Jaw Opening	4,5,6,8 inch	
3	Features	Carbon steel screw	
		Malleable iron body	
		Rust proof painted finish	
3	Warranty	Minimum 1 year/provided by OEM whichever is greater	
4	Standard	ISO or equivalent	

**Specification of Table Vice**

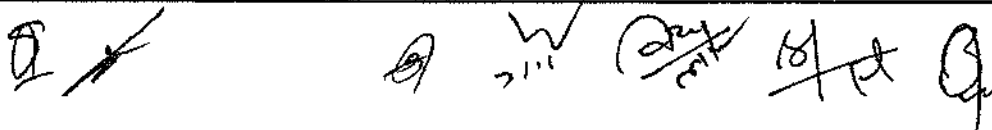
S.N	Parameter	Technical Specifications	Remarks
1	Jaw Opening	Minimum 150 mm	
2	Features	Swivel base	
		Fixed base cast iron body	
3	Standard	ISO or equivalent	

**Specification of Allen Set**

S.N	Parameter	Technical Specifications	Remarks
1	Bit Type	Allen (Hex)	
2	Metric	Minimum 1 to 10 mm	
3	Imperial	1/16 to 3/8 inch	
4	Features	Includes Min 25 allen keys in a plastic wallet	
		Both metric and imperial sizes	
5	Standard	ISO or equivalent	

**Specification of Table Lamp**

S.N	Parameter	Technical Specifications	Remarks
1	Type	Minimum 5X Desk Magnifier Lamp	
2	Arm	Swivel & Swing Arm	
3	Features	LED Magnifier Table Lamp Light with Glass Lens and Bench Clamp	
		The lens head can rotate left and right with 360 degrees and flip up and down 180 degrees	
4	Standard	ISO or equivalent	



### Specification of PCB Clamper

S.N	Parameter	Technical Specifications	Remarks
1	Material	ABS arm+metal base	
2	Circuit board size	Minimum ( 200 * 140) mm	
3	Circuit board thickness	Minimum 1.2 - 3.0mm	
4	Features	Rigid metal structure with stabilizing rubber pad, perfect for project	
		The 2 adjustable grip retractable stands accommodate various board sizes and different thickness	
		The clamps allow 360 degrees rotation and can be secured in any position, making soldering projects more easy and efficient.	
		Compact and lightweight, easy to carry	
5	Standard	ISO or equivalent	
6	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Table Lens Magnifier

S.N	Parameter	Technical Specifications	Remarks
1	Mirror Material	Glass	
2	Shape	Circular	
3	Magnification	Minimum 15 x	
4	Main lens size	Minimum 120 mm	
5	Light source	Minimum 15 W circlip fluorescent lamp/LED lamp	
6	Features	220V Clip-on Lamp Lighted Magnifying Glass Big Magnifier	
7	Standard	ISO or equivalent	
8	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Digital Multimeter


S.N	Parameter	Technical Specifications	Remarks
1	Voltage	DC: 600 volts; AC: 600 volts; DC Accuracy: $\pm 0.5\% + 3$ digit; AC Accuracy: $\pm 1\% + 3$ digit	
2	Current	DC: 10 amps; AC: 10 amps; DC Accuracy: $\pm 1\% + 3$ digit; AC Accuracy: $\pm 1.5\% + 3$ digit	
3	Resistance	Minimum 40 M ohm with accuracy of $\pm 0.9\% + 3$ digit	
4	Capacitance	1000 nF to 1 mF with accuracy of $\pm 1.9\% + 2$ digit	
5	Surge Protection	6 kV peak per IEC 61010-1 600 VCAT III, Pollution Degree 2	
6	Features	Large white LED backlight to work in poorly lit areas	
		Continuity/diode test	
		Min/Max/Average to record signal fluctuation	

7	Warranty	Minimum 2 years/provided by OEM whichever is greater	
8	Standard	ISO or equivalent Certified	
<b>Specification of Digital Soldering Station</b>			
S.N	Parameter	Technical Specifications	Remarks
1	Heating Element	Heating Element : Silver vortex heater	
2	Input Voltage	230 VAC±10% @ 50 Hz Single Phase	
3	Iron temperature range	Minimum 200 - 450 degree C	
4	Air Gun Flow pattern	Brushless fan soft wind	
5	Hot Air Range	140-480 degree	
6	Features	2 in 1 lead-free soldering station	
		LCD digital display	
		Hot blast welding bench	
		Intelligent soldering station	
		Digital temperature control	
		Automatic sleep, standby, temperature lockout functions	
7	Warranty	Minimum 2 years/provided by OEM whichever is greater	
8	Standard	ISO or equivalent	
<b>Specification of Digital Hot Gun Work Station with Digital Control Iron</b>			
S.N	Parameter	Technical Specifications	Remarks
1	Heating Element	Heating Element : Silver vortex heater	
2	Input Voltage	230 VAC±10% @ 50 Hz Single Phase	
3	Iron temperature range	Min 200 - 450 degree C	
4	Air Gun Flow pattern	Brushless fan soft wind	
5	Hot Air Range	140-480 degree	
6	Features	2 in 1 lead-free soldering station	
		LCD digital display hot blast welding bench Intelligent soldering station	
		Digital temperature control	
		Automatic sleep, standby, temperature lockout functions	
7	Warranty	Minimum 2 years/provided by OEM whichever is greater	
8	Standard	ISO or equivalent	

**Specification of Portable Electric Blower**

S.N	Parameter	Technical Specifications	Remarks
1	Type	Inflatable blower	—
2	Input Power	220 V AC @ 50Hz	
3	Output Power	Minimum 400 W	
4	Features	Dust Bag for operating in Suction Mode	
		Works both in wind blowing mode and suction mode	
7	Warranty	Minimum 1 year/provided by OEM whichever is greater	
8	Standard	ISO or equivalent	

**Specification of Engineering Instrument Repair Tool Set**

S.N	Parameter	Technical Specifications	Remarks
1	Case	Military Electronic Tool Kit with Hard Case of Minimum 3 Pallets of same size and internal Foam protection for tool kit	
		Should include all standard military electronic tool kit with minimum of following tool kit:	
		i. Hammer (16 Oz Curved Claw) ii. Screwdriver(Cordless, two speed, Reversing, charger, battery) iii. Measuring Tape (1X25 ft) iv. Flash light(2 D-Cell) v. Center Punch(3/16" point, 7/16" hex) vi. Multi-Tool , Needle-nose Pliers with nylon sheath  vii. Insert Bit set 83 piece for 1/4" hex magnetic screwdriver viii. Screw driver(Ratcheting, magnetic for 1/4" insert bits) ix. Hex Key Set (Standard and Metric) x. Mechanical Finger (24") xi. Retrieving Tool Magnetic xii. Ratcheting Combo Wrenches (1/4" - 3/4", 8mm - 15mm, set)	

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2	Accessories	<p>xiii. Socket, 3/8" drive 6 point, regular length (1/4"-3/4", 7mm-15mm)</p> <p>xiv. Extension (3/8" drive, 6")</p> <p>xv. Universal Joint, 3/8" drive</p> <p>xvi. Adapter 3/8" to 1/4" drive</p> <p>xvii. Adapter 3/8" to 1/2" drive</p> <p>xviii. Ratchet, 3/8" drive</p> <p>xix. Crimper (Rj-45, Rj-11, Rj-22)</p> <p>xx. De-Soldering Tool,</p> <p>xxi. Pliers (Bent Needle Nose, Lineman, Chain Nose, Long Nose, Diagonal Cutter, End Snips, Bent Nose, RoboGrip)</p>	
		<p>xxii. Electrician's Scissors 5"</p> <p>xxiii. Forceps 6" (Curved, Straight)</p> <p>xxiv. Soldering Iron 100 W with Stand and Soldering Tip of different size</p> <p>xxv. Stripper, wire cutter</p> <p>xxvi. Spanner wrench of various size</p> <p>xxvii. Screwdriver (Ratching, Philips, Flat, slotted of various size)</p> <p>xxviii. File 8" (Flat, half round)</p> <p>xxix. Tool bag, top zipper</p>	
3	Standard	Branded, ISO or Equivalent	
4	Warranty	Minimum 1 year/provided by OEM whichever is greater	

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