



PARAS ELECTRONICS

AN ISO 9001 - 2015 CERTIFIED COMPANY



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ANNEXURE-I: MAJOR ELECTRONIC COMPONENTS OF PARAS MAKE ULTRASONIC DIGITAL DOUBLE RAIL TESTER MODEL NO. 711D AS PER RDSO SPECIFICATION NO Digital DRT - RDSO/M&C/NDT/130/2007 Rev-I, Aug 2014 AND DIGITAL ULTRASONIC SINGLE RAIL TESTER MODEL NO. 511D AS PER RDSO SPECIFICATION NO.RDSO/M&C/NDT/128/2007, Rev-I June 2011 AND ULTRASONIC DIGITAL TESTING EQUIPMENT FOR WELDED RAIL JOINTS, MODEL: WT-311D AS PER RDSO SPECIFICATION NO. M&C/NDT/129/2005, Rev-II, Aug 2014

SNO	Description	Rate Each Rs
MAJOR ELECTRONIC COMPONENTS FOR MODEL 711D, 511D AND WT-311D		
1	Display Panel	34,420.00
2	Processor Module	48,125.00
3	Programmed Controller IC	21,330.00
4	Memory IC	21,330.00
5	ADC IC	7,365.00
6	Instrument Front Panel	10,805.00
7	12V Module	18,030.00
8	5V Module	13,850.00
9	Digital Translator	1,395.00
10	Buffer	1,200.00
11	MOSFET	540.00
12	Pre-Amplifier IC	1,625.00
13	Integrated- Amplifier IC	11,625.00
14	Electronic Oscillator	670.00
15	3.3 V Regulator	1,970.00
16	Display DB	4,950.00
17	Display Cable	3,485.00
18	Distance Counter with Battery	16,000.00
19	Encoder with Cable	34,605.00
20	SD Card (Programmed)	2,545.00
21	On-Off Switch	2,410.00
22	Power Pack with Li-Ion batteries and auto cut-off	26,045.00
23	Battery Charger	3,815.00
24	Power Pack for Data Logger	5,720.00
25	Battery charger for Data Logger	2,275.00
26	Battery Cable with Connector	1,080.00
27	Battery connector male / Female	635.00

NOTE: 1) Above Rates are Ex works, Hyderabad. 2) Freight and Forwarding will be extra @2%.

3) Duties & Taxes will be charged Extra as applicable at the time of supply. Presently GST: @18% included in the above rates.

4) Minimum Order value for the spares supply on credit shall be Rs 5,000. Otherwise they shall be supplied only against cash.

For **PARAS ELECTRONICS**



Manager (Business Development)

ANNEXURE - II: CONSUMABLE SPARES OF PARAS MAKE ULTRASONIC DIGITAL DOUBLE RAIL TESTER MODEL NO. 711D AS PER RDSO SPECIFICATION NO Digital DRT - RDSO/M&C/NDT/130/2007 Rev-I, Aug 2014 AND DIGITAL ULTRASONIC SINGLE RAIL TESTER MODEL NO. 511D AS PER RDSO SPECIFICATION No.RDSO/M&C/NDT/128/2007, Rev-I June 2011 AND ULTRASONIC DIGITAL TESTING EQUIPMENT FOR WELDED RAIL JOINTS, MODEL: WT-311D AS PER RDSO SPECIFICATION NO. M&C/NDT/129/2005, Rev-II, Aug 2014

SNO	Description	Rate Each Rs
PROBES & ASSEMBLIES FOR MODEL 711D, 511D and WT-311D.		
1	0° Normal Probe, 4 MHz, Double Crystal,18/20 mm Ø	6,990.00
2	0° Normal Probe, 4 MHz, Double Crystal,18/20 mm Ø with Shoe & Roller	7,995.00
3	0° Normal Probe, 2 MHz, Double Crystal,18/20 mm Ø	6,990.00
4	0° Normal Probe, 2/2.5 MHz, Single Crystal, 20/25 mm Ø (Contact Probe)	5,590.00
5	70° F/B Angle Probe, 2 MHz, Single Crystal,20 mm Ø	8,765.00
6	70° F/B Angle Probe, 2 MHz, Single Crystal,20 mm Ø with Shoe & Roller	9,780.00
7	70° Angle Probe, 2 MHz, Single Crystal,20 mm Ø	4,450.00
8	70° Side Looking Probe, 2 MHz, Single Crystal,15 mm Ø SET OF 02 NOS. L & R	12,065.00
9	45° Angle Probe, 2 MHz (Side Connector), Single Crystal,20 mm Ø	4,450.00
10	45° Angle Probe, 2 MHz, Single Crystal,20 mm Ø FOR Weld testing Rig	4,450.00
11	Cable with BNC Connectors at both ends.	790.00
12	Angle Probe Shoe	375.00
13	Normal Probe Shoe	375.00
14	Angle Probe Roller Assembly	700.00
15	Normal Probe Roller Assembly	700.00
16	Probe Shaft for DRT.	635.00
17	Probe shaft for SRT.	635.00
18	Bearing for Probe Assembly	440.00
19	Spring for Probe Assembly (SRT)	190.00
20	Spring for Probe Assembly (DRT)	190.00
21	Spring for Probe Carriage (DRT)	190.00
22	Normal Probe Holding Assembly (Complete set-SRT)	6,225.00
23	Angle Probe Holding Assembly (Centre) - Complete set - SRT.	6,225.00
24	Angle Probe Holding Assembly (GF) - Complete set - SRT.	6,225.00
25	Angle Probe Holding Assembly (NGF) - Complete Set - SRT.	6,225.00
26	Normal Probe Holding Assembly -(Complete set-DRT).	6,225.00
27	Angle Probe Holding Assembly (Centre) - Complete set - DRT.	6,225.00
28	Angle Probe Holding Assembly (GF) - Complete set -DRT.	6,225.00
29	Angle Probe Holding Assembly (NGF) - Complete Set - DRT.	6,225.00
30	"U" Bracket for NP with Pivots	2,090.00
31	SS "U" Bracket for AP with Pivots	2,090.00
32	Pivot for Angle Probe "SS" - "U" - Bracket (Pair)	375.00
TROLLEY SPARES FOR MODEL 711D (DRT)		
33	Wheel Drum with SS inserts	6,290.00
34	Wheel Flange	2,800.00

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SNO	Description	Rate Each Rs
35	Cover	700.00
36	Spacer	510.00
37	Bearing	600.00
38	Complete Wheel Assembled including hardware	12,330.00
39	DRT Axle for trolley	29,850.00
40	Guide Roller Support	2,215.00
41	Guide Roller	670.00
42	Bearing for Guide Roller	375.00
43	Sleeve (Teflon)	945.00
44	Linear Bearing	2,855.00
45	Probe Assy. Carriage with Linear Bearing	20,335.00
46	Probe Carriage Lock fitting	1,460.00
47	Probe Assy. Housing	11,050.00
48	Probe Assy. Support	9,205.00
49	Guide Rod- Vertical	1,640.00
50	Guide Rod - Horizontal	2,665.00
51	Main Frame	26,035.00
52	Water Tank (Left)	5,210.00
53	Water Tank (Right)	5,210.00
54	DRT Tool Box	3,680.00
55	Water Tank Brackets (Pair)	3,105.00
56	Water Circulating System Set	20,315.00
57	Gate Valve	820.00
58	Water Tank Pipe	2,800.00
59	Trolley Push Handle with height adjuster	6,150.00
60	Trolley Lifting Handle Set	3,105.00
TROLLEY SPARES FOR MODEL 511D (SRT)		
61	Wheel Drum	1,835.00
62	Wheel Flange	1,200.00
63	Wheel Spring	190.00
64	Sleeve	565.00
65	Bearing	505.00
66	Complete Wheel Assembled	13,325.00
67	Probe Lifting Mechanism	5,845.00
68	Probe Lifting Rod	2,155.00
69	Probe Lifting Wire	260.00
70	Probe Lifting Handle Set	3,555.00
71	Water Circulating System Set	9,145.00
72	Water Tank	4,575.00
73	SRT Tool Box	3,680.00

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SNO	Description	Rate Each Rs
74	Trolley Frame	18,415.00
75	Water tank pipe	2,795.00
GENERAL SPARES FOR MODEL 711D (DRT) & 511D (SRT) AND WT-311D.		
76	Unit Holding bracket	9,145.00
77	Unit Cover For DRT.	945.00
78	Unit Cover For SRT.	945.00
79	View Hood	1,005.00
80	Tool kit	2,155.00
81	Drain Cock	375.00
82	IIW Test Block (V I)	32,390.00
83	Step Block	3,935.00
84	Calibration Block 50x50x60mm	2,665.00
85	Calibration Block 50x50x100mm	3,045.00
86	Test rig for scabbed Rail	5,460.00
87	Tandem Rig for AT Welds testing	44,450.00
88	Tandem Rig for AT Welds testing with set of probes and cables	54,995.00
89	Belt for Tandem RIG	1,970.00
90	Bearing for Tandem RIG	1,080.00
91	Unit Carrying Case -moulded	2,910.00
92	Aluminum Holder for Sensitivity Block for 52Kg.	22,860.00
93	Aluminium Holder for Sensitivity Block for 60Kg.	22,860.00
94	Sensistivity Block for GFC, NBC ** (TEST PIECE)	11,430.00
95	Sensistivity setting Rail Block for AT Welds ** (TEST PIECE)	18,410.00
96	Sensistivity setting Rail Block for SEJ ** (TEST PIECE)	7,615.00

**** Railway to supply the Rail piece for these items at our works and collect from our works.**

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Manager (Business Development)

Valid upto: 31-03-2022