

00095-02121-3 ON. GINWARD

SCOPE OF SUPPLY : AS PER BOM & TECHNICAL SPECIFICATION.

FORM DG 38(B)

APPLICATION FOR THE BORESCOPE INSPECTION OF STEAM TURBINE INTERNALS.

S/N.O. :

1. INDUSTRIAL VIDEOSCOPE
2. SCOPE DIAMETER
3. SCOPE LENGTH
4. ARTICULATION ANGLE
5. APPROX. SYSTEM WEIGHT (WITH BATTERY)
6. EXTERIOR
7. ARTICULATION MECHANICS
8. TEMPERATURE SENSOR
9. HANDHELD CONTROL UNIT (WEIGHT)
10. DIMENSIONS (WXHXD)
11. MAIN UNIT DIMENSIONS (WXHXD)
12. LCD MONITOR
13. POWER SUPPLY
14. OUTPUT CONNECTOR
15. USB CONNECTOR
16. IMAGE CONTROL
17. ADJUSTABLE GAIN CONTROL
18. DISPLAY TEXT OPTIONS
19. RECORDING MANAGEMENT FUNCTION
20. STEREO MEASUREMENT FUNCTIONS :-
 - * DISTANCE
 - * POINT -TO- LINE
 - * DEPTH
21. OPERATING TEMPERATURE
22. WATERPROOFING
23. MIL-STD COMPLIANCE
24. OPTICAL TIP ADAPTOR VARIATION

ORDER NO./SPECIFICATIONS :

OLYMPUS IW8535L1 NOTE OR EQUIVALENT MODEL ACCEPTED BY BHEL

Ø6.0 mm

3.5m(11.5ft)

130°

2.9 KG

HIGH DURABILITY TUNGSTEN BRAID TRUEFEEL™

2-STAGE INDICATOR FOR HIGH TEM. WARNING APPROX. 750 g

311mmx192mmx92mm

MAX DIMENSIONS: 239mmx215mmx99mm

6.5 in. DAYLIGHT-VIEW LCD, ANTI-REFLECTIVE TYPE BATTERY: 10.8V NOMINAL

RCA COMPOSITE VIDEO OUTPUT

TYPE A CONNECTOR, VERSION 2.0 STANDARDS

5X DIGITAL ZOOM, 8 STEP BRIGHTNESS CONTROL YES

30-CHARACTER TITLE DISPLAY

AVI MPEG-4 FORMAT, 1GB STANDARD MEMORY

DISTANCE BETWEEN TWO POINTS

PERPENDICULAR DISTANCE BETWEEN A POINT AND THE USER-DEFINED PLANE

ORTHOGONAL DEPTH/HEIGHT DISTANCE BETWEEN A POINT AND THE USER-DEFINED PLANE.

INSERTION TUBE IN WATER 10°C TO 30°C / IN AIR -25°C TO 100°C.

INSERTION TUBE OPERABLE UNDER WATER WITH VIEWING TIP ADAPTOR ATTACHED.

MIL-STD-810G AND MIL-STD-461F UNDER BATTERY OPERATION

6.0mm VIEWING TIP ADAPTORS: AT120D /NF-1V86

NOTES:

1. VENDOR HAS TO ARRANGE A DEMONSTRATION OF SUPPLIED EQUIPMENT AT SITE
2. THREE COPIES OF OPERATION & MAINTENANCE MANUAL IN SOFT COPY AS WELL AS IN HARD COPY MUST BE SUPPLIED ALONG WITH THE EQUIPMENT.
3. GUARANTEE CERTIFICATE PERFORMANCE CERTIFICATE TO BE SUBMITTED AFTER THE PLACEMENT OF ORDER.

BOM

S.NO.	DESCRIPTION	QNT.	UNIT	WEIGHT	UNIT
09	LITHIUM-ION BATTERY	01	--	--	--
08	USB FLASH DRIVE	01	--	--	--
07	OPTICAL TIP ADAPTORS	01	--	--	--
06	CARRYING CASE	01	--	--	--
05	AC POWER ADAPTOR	01	--	--	--
04	RIGID SLEEVE SETS	01	--	--	--
03	HANDHELD CONTROL UNIT	01	--	--	--
02	INSERTION TUBE 8 MM DIA/1M	01	--	--	--
01	LCD MONITOR 6.5 in.	01	--	--	--

REV	DATE	ALTERED	CHECKED

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GRADE OF UNTOL. DIM
M/CG-Q/M/F AA0230208
WELDING-A/B/C/D AA0621104
GAS CUTTING-T3 AA0621101

TYPE OF PRODUCT OR NAME OF CUSTOMER/PROJECT
STEAM TURBINE

DRN	NAME	SIGN	DATE	NO. OF VARS
ASHOK	SD/-		05.02.14	
SUNNY	SD/-		07.02.14	
DRRAY	SD/-		10.02.14	

REV	DATE	ALTERED	CHECKED

REV	DATE	ALTERED	CHECKED

DEPT	STE	SCALE	WEIGHT (KG)	REF. TO ASSY. DRG.	ITEM NO.	NO. OF ITEMS
4011		1:2			75	77

TITLE	CARD CODE	DRAWING NO	SHEET No.	No. OF SHEETS	SIZE
Borescope Kit		3-12120-56000	22	23	24

Inventory No Sign & Date Ref. Drawing No