



PT PINDAD

NOMOR (Number) : AC 870 /PM/RM/II/2024
 EDISI/REV. (Edition/Rev.) : 1 / 0
 TANGGAL (Date) : 28 FEBRUARI 2024
 HALAMAN (Page) : 1 DARI (of) 1

KRITERIA KEBERTERIMAAN (ACCEPTANCE CRITERIA)

1. NAMA PRODUK (Product Name) : XRF Hendheld Portable
2. NOMOR GAMBAR (Drawing Number) : N/A (Produk Standar)
3. NOMOR MATERIAL (Material Number) : N/A (Produk Standar)

A. SPESIFIKASI (Spesification) :



Gambar ilustrasi XRF Hendheld Portable setara

No	Specifications	
1	Dimensions (W x H x D)	10.75 x 2.875 x 8.625 inches
2	Weight	4.35 lbs (1.97kg) with battery
3	Excitation Source	5-6 mJ/pulse, 50 Hz repetition rate, 1064 nm laser source. Laser Raster On-board Y stage for rastering laser to discrete locations for targeted analysis or averaging. Atmosphere : SciAps proprietary Opti-Purge provides an inert argon environment, improving spectral signal-to-noise ratio and improving performance in the UV range.
4	Detector	Multiple CCD. Spectral Range : 190-420nm
5	Available Apps	Alloy, Geochem (Mining), Empirical, Environmental Apps
6	Calibrations	Carbon APP Alloy Bases and pre Calibrated Element Include : Iron Base : C, Al, Si, Ti, V, Cr, Mn, Fe, Co, Cu, Ni, Nb, Mo, W, Pb Stainless steel base: C, Al, Si, Ti, V, Cr, Mn, Fe, Co, Ni, Cu, Se, Nb, Mo, W
7	Analytical Range	Z-902: One or more lines from all elements except H, F, Cl, Br, N, O, Rb, Cs, S. Z-903: One or more lines from all elements in periodic table.
8	Power	On-board rechargeable Li-ion battery, rechargeable inside device or with external charger, AC power.
9	Hot Swap	HOT SWAP capability (60s max swap time).
10	Display	2.7" high-brightness, color touchscreen, readable in all lighting conditions. Rear-facing display for easy results viewing.
11	Operating System	Android

12	Operating System	Android
13	Processing Electronics and Host Processing	ARM Quad Cortex -A53 1.2 GHz Memory: 2 GB LPDDR3, 16 GB eMMC
14	Storage	32GB SD
15	Grade Library	500+ grades, multi-library support, libraries may be added or edited.
16	USB	USB. Connectivity to most devices
17	Software	Including SciAps ProfileBuilder PC software.
18	WiFi	Wifi Built in (No Need USB WIFI Dongle)
19	Bluetooth	Bluetooth Built in (No Need USB Bluetooth Dongle)
20	Dual Cameras	Internal high-resolution camera for sample viewingg, welds, etc. Macrocamera for photo documentation, reading and storing 2D/3D barcode and QR codes.
21	Security	Password protected usage (user level) and internal settings (admin)
22	Warranty	One-year warranty
23	Calibration Check	316 stainless steel standard for automated calibration and wavelength scale validation.
24	Konsumable	Gas Argon
25	Regulatory	CE, RoHS, USFDA registered. Class 3b laser. Sample sensor on board, allows for operation under Class 1 conditions, subject to local LSO approval.

PMN 2023

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B. PERSYARATAN DOKUMEN MUTU (*Quality Document Requirement*) :

1. Sertifikat Garansi 1 tahun
2. Pelatihan pengopesasian
3. Sertifikat kalibrasi dari lembaga yang terakreditasi

C. UJI KEBERTERIMAAN (*Acceptance Test*) :

NO (Nr)	MATA UJI (Item Test)	PERSYARATAN (Requirement)	ALAT UKUR (Equipment)	JUMLAH SAMPLING (Sampling Number)
1	Visual Produk	Tidak cacat, tidak rusak dan Sesuai spesifikasi pada poin A	Visual	Sensus
2	Kesesuaian spesifikasi	Sesuai poin A	Visual	Sensus
3	Dokumen	Sesuai poin B	Visual	sensus

	DISIAPKAN (<i>Prepared</i>)	DISETUJUI (<i>Approved</i>)
JABATAN (<i>Title</i>)	EXPERT BID ENG MUTU PRODUK INDUSTRIAL	MANAGER REKAYASA MUTU
N A M A (<i>Name</i>)	YUDI YULIANSAH	S U P A R N O
TANGGAL (<i>Date</i>)	28 FEBRUARI 2024	28 FEBRUARI 2024
TANDA TANGAN (<i>Signature</i>)		