

No	Program Studi	Kode Sub Aktivitas	IKU Sasaran	Nama Alat
1	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Virtual Reality (VR) Set
2	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Kamera Konten Development
3	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Flash Lights
4	Pendidikan Teknik Bangunan	1.2.1	2,4,5	Axioo Smart Screen 65"

5	Pendidikan Teknik Bangunan	1.2.1	2,4,5	Printer 3D
6	Pendidikan Teknik Bangunan	1.2.1	2,4,5	3D Printer Bambulab
7	Pendidikan Teknik Bangunan	1.1.2	2,4,5	CNC Laser akrilik

8	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Mesin Cutting Sticker
9	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Mesin Bending

10	Pendidikan Teknik Bangunan	1.2.1	2,4,5	GoPro Hero11 - Black
11	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Flash And Fire Point By Cleveland Open Cup Electric
12	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Timbangan Digital

13	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Kompur induksi
14	Pendidikan Teknik Bangunan	1.2.1	2,4,5	Bosean TZ01 Air Quality Detector CO2 CO PM2.5 HCHO TVOC
15	Pendidikan Teknik Bangunan	1.2.1	2,4,5	Laser Distance Meter
16	Pendidikan Teknik Bangunan	1.2.1	2,4,5	LUX Meter
17	Pendidikan Teknik Bangunan	1.2.1	2,4,5	Sound Level Meter
18	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Digital Clamp Meter Digital AC DC Meteran Klem Arus True RMS Tang Ammeter Penguji Tegangan Multimeter Pengukur Frekuensi Resistansi
19	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Sound System Set
20	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Laser Level
21	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Sensor LVDT (Linear variable Differential Transformer)
22	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Dial Indicators
23	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Dial Indicators
24	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Dial Indicators
25	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Dial Indicators
26	Pendidikan Teknik Bangunan	1.1.2	2,4,5	Combination permeameter

Label 12.1 Spesifikasi Rinci Peralatan Laboratorium Tahun 2022

Spesifikasi Teknis
<p>Meta Quest 2 - Oculus Quest 2 Advanced All in One VR Virtual Reality Gaming 1x Oculus Quest Headset 2x Touch Controllers 1x Charging Cable 1x Glasses Spacer 2x AA Batteries</p>
<p>Sony A7 IV Kit 28-70mm 33MP Full-Frame Exmor R CMOS Sensor Up to 10 fps Shooting, ISO 100-51200 4K 60p Video in 10-Bit, S-Cinetone 3.68m-Dot EVF with 120 fps Refresh Rate 3" 1.03m-Dot Vari-Angle Touchscreen LCD 759-Pt. Fast Hybrid AF, Real-time Eye AF Focus Breathing Compensation 5-Axis SteadyShot Image Stabilization Creative Looks and Soft Skin Effect 4K 15p UVC/UAC Streaming via USB Type-C Lensa FE 28-70mm f/3.5-5.6 OSS</p>
<p>Godox SL200W II Studio Flash Kit Two SL200WII 5600K Daylight Lights Two 23.6 x 35.4" Softboxes Two Light Stands, Kit Case Two Reflectors Lights Measure 6.3 x 7.9 x 14.4" Removable Handles</p>
<p>Axioo Interactive Smart Screen 65" :</p> <ul style="list-style-type: none"> - 65" 4K UHD Touchscreen w/ LG Commercial Grade LED Panel 16 - 20 touch <ul style="list-style-type: none"> - Contrast Ratio (typ): 1200:1 (typ.) - Response time (ms) :6ms (typ.) -Lifetime(typ)/(min): 30000 hrs(min.) - 4mm Tempered Glass, Anti-Glare Glass <ul style="list-style-type: none"> - Speaker Output Power: 15W x 2 - Power supply: 100V-240V,50-60 Hz - RAM 4GB; ROM 32GB, Android v.11 <ul style="list-style-type: none"> - Mainboard: MSD9666 - Flush wall mount included - Standing Bracket - Kabel Power, Kabel HDMI, Kabel USB TouchScreen, Remote, Stylus Pen (2pcs), Dongle USB Wifi

PDN; Akurasi: 0.1-0.25 mm; Kecepatan: 10-100 mm/s; Build size:
20 cm x 20 cm x cm; hot end: Filament 1.75 mm, 0-270 C;
Software: Cura (STL & OBJ); Power: max 240W 100-240V/24V;
Connectify: with SD Card; Berat Mesin: +- 12 Kg

Bambulab X1 Carbon COMBO with AMS CoreXY 3D Printer High
Speed Lidar SKU : BAMBULAB-X1CARBONCOMBO

Technical Specifications

Build volume: 256 x 256 x 256 mm

Feeder system: Direct

Print head: Single nozzle

Nozzle size: 0.4 mm

Max. hot end temperature: 300 °C

Max. heated bed temperature: 110 °C

Display: 5-inch color touchscreen

Connectivity: Wi-Fi, microSD

Print recovery: Yes

Filament sensor: Yes

Camera: No (X1, though optional). Yes (X1 Carbon)

Zaiku CNC LS-6040 with 50 Watt Laser CO2 with Ruida
Controller

Machine CNC CS-6040 Assembled x 1

EFR Laser 50 Watt x 1

Ruida Controller Tipe 6445 Terbaru x 1

Power cable x 1

Smoke Pipe x 1

Smoke Fan x 1

Water Pump x 1

Water Pipes x 1 set

USB Cable x 1

Accessory Bag x 1

Power Wire x 1

SPEKIFIKASI JINKA GC :

Made in : China
Type Model : GC 721 ABJ
Gross Weight : 28kg
Max paper width : 720mm
Max Plotting Width : 630 mm
Interface : Serial & USB Port (Optional)
Max Plotting Speed : 800mm/second
Max Cutting Force : 500g
Power Supply : AC85-264V / 50-60 HZ
Cutting Tool : Imported Hardness Alloy Steel Blade
Memori : 16 MB
Cutting Software : CorelDraw X3 - X8, 2017 - 2019 (Bisa tanyakan lebih jelas Bit-nya kpd kami)
OS Compatibility : Windows XP, Vista, 7, 8 & 10

INCLUDE:

- 1 Pcs Blade Holder
- 1 Pcs Pen Holder
- 1 Pcs Kabel Com
- 1 Pcs Kabel USB
- 1 Pcs Kabel Power
- 1 pcs pinset (pencongkel sticker)
- 1 Pcs Cross Cutter
- 1 Pcs Kantong Mesin
- 1 Pcs Cover Penutup Mesin
- 3 Pcs (1 Box) Mata Pisau Roland 45 Derajat
- 1 Pcs CD isi Manual Book & File2 Lainnya
- 1 Pcs CD Plug In CorelDraw

MESIN PIPA ROLL 360 DERAJAT PIPA BULAT :

19,22,25,32,38,51,63 PIPA KOTAK : 20,25,30,40,50

KETEBALAN DINDING LENTUR : 0.1- 1.5mm MAKS

KETEBALAN : 2,5 mm RADIUS LENTUR : 20mm KECEPATAN :

POROS -15mm, POROS PENGGERAK -20mm BERAT : 250 kg

DIMENSI : 700 X 500 X 850mm Dinamo : 380 volt power 4kw

Brand GoPro
Warna Black
Sensor 27 MP
Resolusi Video 5.3K60, 4K120, 2.7K240
Stabilisasi Video HyperSmooth 5.0
Slow Motion 8x
Baterai Enduro 1720 mAh
Waterproof 10 m
Dimensi 71,8 x 50,8 x 33,6 mm
Berat 154 g

In The Box:
Camera
Hard case
Mounting buckle
adhesive curve mount
Thumb Screw
Enduro Battery
USB C Cable

Hero11 Black

Video sorotan mengagumkan akan dikirim ke ponsel Anda secara otomatis. Semuanya dimulai dengan HERO11 Black—GoPro yang paling andal saat ini. Sensor gambar barunya menangkap lebih banyak adegan dengan kualitas gambar lebih tinggi, stabilisasi video yang lebih baik, dan fleksibilitas untuk mengubah potongan film Anda menjadi rekaman sinematik lebar atau rekaman vertikal ekstra tinggi untuk postingan sosial. Dilengkapi dengan video 5.3K dan foto 27 MP, plus stabilisasi

Flash And Fire Point By Cleveland Open Cup Electric (BI-200E)
BI-201 Flash Cup Brass, insulation handle 1 pc BI-202A
Cleveland Electric Electric, 220 V-AC, heating speed control 1 set
o o GE-648 Thermometer ASTM 11 C, 6 to 400 C 1 pc

GE - 162a Digital Balance 0,1 gr, 6000 gr capacity

Kompur Induksi Tanam 2 Tungku Modena MAGNE BI 1325

Sensors: Formaldehyde sensor, particulate matter sensor, air quality sensor, temperature and humidity sensor; Screen: 3.2 inch color LCD display, resolution of 320 * 240. Measuring Range : HCHO detection range : 0-1.999mg/m³; TVOC detection range : 0-9.999mg/m³; PM2.5 detection range : 0-999ug/m³; Working temperature : 0°C~+50°C; Working humidity : ≤90% RH; Power supply: 1500mAh lithium battery, 5VDC-1.5A charger, Type-C charging interface; Weight: about 240g.

FITUR & FUNGSI : Fungsi adalah ikon dengan latar belakang biru sedangkan fitur adalah ikon putih dengan warna merah; Bluetooth Cerdas (4.0); Fungsi Min / Maks; Luas / Volume; Bagian Akhir Cerdas Intelligent; Tambah & Kurangi; IP54.

Measuring Range: 0.0 to 199.9/1999/19990/199900 lux; Automatic/manual selection of range Resolution: 0.1 Lx | 0.1 fc; Accuracy: ±3%rdg | ±5dgts; Response Time: 0.5 sec; Temperature characteristics: ± 0.1% / °C; Battery: Size AA battery x 2; Dimensions: 169 x 63 x 37 mm; Weight: Approx.210g

Sound Level DataLogger CEM DT-8851/8852 Accuracy: +/- 1.4 dB; Frequency range 31.5 Hz – 8KHz; Dynamic range 50dB; Level ranges Lo: 30 – 80 dB Med: 50 – 100 dB Hi: 80 – 130 dB; Auto: 30 -130 dB; Time weightingvFast: 128 ms Slow: 1 sec; Microphone 1/2 inch electret condenser microphone; Resolution 0.1 dB; Display update 2 times / sec; Analog outputAC : 1Vrms,DC : 10mv/dB

Clamp Tester; 100A/1000A AC/DC; 10 Hz to 500 Hz; LCD; max. 4199 digit

1. 10a wireless meeting Amplifier ZW-51650MB-AS 1, a. Power
BUS CELL: 3.00 24V AC LINE LASER LEVEL 13V 1.25A
WORKING RANGE (50MW/1.0m) ~ 70000 0~500mTP, NON-
Linearity: ±0.5% Digital Dial Fluctual connection:
10447724 Dialing BATOR (700) 0.0nm 2040A 1 EA,
MTP-4756 MAGNETIC STAND 70106 10.4 EA
Dialing 4756 magnetometer, 0-250 kg/cm capacity 0.1 Bourdon
Dialing 4756 magnetometer, 0-1000 kg/cm capacity 0.1 Bourdon
Dimension (LxWxH): 100x40x50 mm, gross weight: 4kg ~ sample
chamber: transparent fiber glass Diameter: 2 1/2" Height: 9"

2024

Link Referensi	Jumlah	Harga Satuan (Rp)	Prakiraan Biaya (Rp)
https://www.tokopedia.com/putragroup/meta-quest-3-oculus-vr-128gb-512gb-virtual-reality-headset-metaverse-512gb-japan-version-2b87d?extParam=ivf%3Dfalse&src=topads	2	12.000.000	24.000.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/75425867?lang=id&type=general https://www.tokopedia.com/bursakamera/prof/sony-alpha-a7-iv-a7iv-a-7-iv-kit-28-70mm-mirrorless-camera-resmi-kit-28-70mm?extParam=cmp%3D1%26ivf%3Dfalse%26src%3Dsearch	1	26.450.000	26.450.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/62129791?type=regency&location_id=278 https://www.tokopedia.com/moviecam/godox-sl-200-w-ii-sl200w-ii-studio-kit-with-sb-ue-120cm-light-stand	2	8.750.000	17.500.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/51120330?type=general https://www.bhinneka.com/axioo-interactive-smart-screen-65-a11-sku3339771014#attr=391991,391992	1	79.479.000	79.479.000

<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/62002461?type=regency&location_id=279</p> <p>https://exhibitors.informamarkets-info.com/event/MF12022/id-ID/exhibitor/354986/haltech/product/1096261/3d-printer-haltech--cartesian-(h-01)</p>	1	19.570.000	19.570.000
<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/75492945?lang=id&type=general</p> <p>https://www.tokopedia.com/mycomshop/bambu-lab-x1-carbon-corexy-color-3d-printer-with-lidar-and-ai-ams?utm_source=google&utm_medium=organic&utm_campaign=pdp-seo</p>	1	40.750.000	40.750.000
<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/55471924?lang=id&type=general</p> <p>https://www.tokopedia.com/3dzaikusby/zaiku-cnc-ls-6040-with-50-watt-laser-co2-untuk-cutting-dan-grafir</p>	1	35.480.000	35.480.000

<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/57059912?lang=id&type=general</p> <p>https://www.tokopedia.com/bondanseller5/promo-mesin-cutting-sticker-jinka-1351-gc-pro-led-auto-countour-jinka-gc-1351-72b3c</p>	1	22.585.000	22.585.000
<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/59500153?lang=id&type=general</p> <p>https://www.monotaro.id/items/s037887773.html?gclid=Cj0KCQiA5rGuBhCnARIsAN11vgQRFSdpnmgo3CtytWrOfsrpWWaxZ9TD34olZaeN-Cgw_XRrkGmXbF4aAq_CEALw_wcB</p>	1	35.500.000	35.500.000

<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/74711595?lang=id&type=general</p> <p>https://gopro.com/en/us/shop/cameras/hero11-black/CHDHX-111-master.html</p>	1	12.536.000	12.536.000
<p>https://www.tokopedia.com/margasetia/jual-electric-flash-and-fire-point-by-cleveland-open-cup</p> <p>https://www.tokopedia.com/cvnkl/flash-and-fire-point-by-cleveland-open-cup-test-electric?utm_source=google&utm_medium=organic&utm_campaign=pdp-seo</p>	1	9.150.000	9.150.000
<p>https://e-katalog.lkpp.go.id/katalog/produk/detail/3099474?lang=id&type=general</p> <p>https://shopee.co.id/product/92152297/3844248053</p>	2	18.140.000	36.280.000

https://www.monotaro.id/items/s011236603.html?gclid=CjwKCAiAq4KuBhA6EiWA rMAw1OqohnsyBIHu1o5Bjhenfs1XiAo WW4Ijp6S9Co6FlyBqFcYc8RRBoCuTs QAvD_BwE https://www.tokopedia.com/setia-makmuroff/modena-induction-hob-kompor-induksi-bi-1325?txsc=google&srsItid=AfmBOoqQqe3f2F5Gkl8UnYz7VYaaCol6CFe5tR464l0ssBJrSqW830VOHM0	1	6.647.000	6.647.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/76790022?lang=id&type=general	1	4.690.000	4.690.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/74866349?lang=id&type=general	2	6.755.000	13.510.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/76846753?lang=id&type=general	1	5.545.000	5.545.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/76646518?lang=id&type=general	1	5.915.000	5.915.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/3490213?lang=id&type=general	3	3.275.000	9.825.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/76790022?lang=id&type=general	1	25.000.000	25.000.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/76790022?lang=id&type=general	4	4.550.000	18.200.000
https://e-katalog.lkpp.go.id/search?n=monotaro	2	56.350.000	112.700.000
https://www.monotaro.id/items/s030999900.html?gclid=CjwKCAiAFrCuBhCnAPb0	2	7.950.000	15.900.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/76790022?lang=id&type=general	4	1.890.000	7.560.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/4	2	9.653.000	19.306.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/4	2	10.750.000	21.500.000
https://e-katalog.lkpp.go.id/katalog/produk/detail/2	3	13.350.000	40.050.000



665.628.000

uk instalasi listrik, dll. Selain perangkat keras, komponen biaya ini diperbolehkan juga untuk penga

daan awal perangkat lunak (software) untuk kebutuhan pembelajaran pada program studi yang di

usulkan. Perguruan tinggi harus menjamin keberlanjutan biaya pemeliharaan peralatan yang d

iadakan.