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DATE	30-Apr-21
QUOTE #	0048/Q/III/2023
VALID UNTIL	31-May-21
Currency	IDR
REV.	#01

Quotation

CUSTOMER

Pak Rully
PT NUP
Lampung
Up. Pak Anshar

Prepared by:

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No	Description	Qty	Amount
1	SavantAA 8 Lamp GBC Scientific Australia	1	784.944.000



GBC SavantAA Atomic Absorption Spectrometer with 8 lamp turret, HYPER-PULSE background correction, double beam optics and programmable flame control. Comes standard with air-acetylene burner and software.



Optics

Double Beam

Asymmetric modulation with 2:1 sample to reference ratio for noise reduction. All reflective system with quartz overcoating on mirrors.

Monochromator

Ebert-Fastie design with 333 mm focal length and **175-900nm wavelength range**

1800 line/mm holographic grating

Adjustable slits with 0.1 to 2 nm spectral bandwidth (0.1 increments) or 20 Step

Detector Photomultiplier Tube

Lamp Turret

8Lamp turret with automatic lamp selection

Automatic warming up

Automatic optimization in two planes for maximum light throughput

Automatic multi element operation, with the next lamp in the sequence automatically warmed up.

Background Correction

Hyper Pulse background Correction

High intensity deuterium arc lamp provides 175-425 nm correction range

Programmable Flame Control

Automatic setting of flame type and gas flows from stored conditions.

Programmed ignition and shutdown sequences

Automatic change of flame conditions during Automatic multi element operation

Programmable flame control with ten safety interlocks provides reproducible operation with gas flows automatically set when changing methods.

Performance Guarantee

Greater than 0.9 abs for 5 mg/L copper solution with an RSD of less than 0.5%

Burner

Air-acetylene burner suits SavantAA - PLUG type

1

Nitrous oxide-acetylene burner suits SavantAA - PLUG type

1

All Titanium Burner

Pre-mix design with solid inert polymer mixing chamber

Neubulizer has platinum-iridium capillary and inert venturi for resistance to acid attack

Including Recommended item :

2 8 Hollow Cathode lamp : Au, Ag, Cu, Pb, Zn, Pt, Pd, Ir

8

3 Standard Solution : menyesuaikan lampu katoda

8

4 Gases and cylinder : Acetylene, **Nitrous**

2

5 Compressed air

1

6 UPS 2 KVA + IT Travo

1

7 PC Desktop LED Monitor

1

8 Printer

1

9 Fume extraction kit, complete with ducting, hood and fan blower

1

10 Installation Kit : Cables, Tubing and connector

1

11 Training : Complete training curriculum of Operation, Application of sample analysis, calibration, Maintenance

HCL Optional Item

Hollow chatode lamp Rh (Rhodium) + Standard Sollution

14.500.000

1

14.500.000

Hollow chatode lamp Ru (Ruthenium) + Standard Sollution

10.300.000

1

10.300.000

Hollow chatode lamp Os (Osmium) + Standard Sollution

12.500.000

1

12.500.000

TERMS AND CONDITIONS

1. Price is Exclude Tax (PPN) and Franco JABODETABEK

2. Payment : DP50%, full payment before delivery

3. Delivery : 8 weeks after PO and Payment

4. Warranty : 1 year for main unit and part except consumable part

Sub Total

822.244.000

Discount

100.000.000

Grand Total

722.244.000

Thank You For Your Business!