

DATE 17-Apr-23 QUOTE# 0200/Q/12/2022 18-May-23

REV.

VALID UNTIL Currency IDR

# **CUSTOMER**

Pak Daniel

#### PT. Minarta Dutahutama

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#### Prepared by:

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No	Description	Unit Price	Qty	Amount
1	Atomic Absorption Spectrometer (AAS)			
	Model : GBC Complete Package Higher Series SavantAA Flame System - HG3000 Automatic Hydride Generator + SavantAA Zeeman Enduro Graphite Furnace Auto Sampler and Auto Dillution			
	GBC Scientific Equipment, Pty.Ltd			
a.	GBC SavantAA Zeeman Enduro Atomic Absorption Spectrometer with 8 lamp turret, furnace and magnet power supplies in one compact package. Includes ESV, single super lamp power supply and coded lamp recognition. Comes with PAL4000 furnace auto sampler and auto dilution.	2.650.458.000	1	2.650.458.000
b.	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.		1	
c.	Electronic Sample Viewing (ESV) Camera		1	

	To ensure the sample injection process into the graphite furnace		
d.	HG3000 Automatic Hydride Generator : Hydride Generator to perform analysis of	1	
	As, Se, Sb, Bi, Te, Sn, Ge and Hg at part per billion (ppb) concentration		
e.	Manual Single Pipettes	2	
	Volume : 0.1 - 2.5 $\mu$ L - Inaccuracy : 12.0% (0.25 $\mu$ L) ; 3.0% (1.25 $\mu$ L) ; 2.5% (2.5 $\mu$ L) - Imprecision : 6.0% (0.25 $\mu$ L) ; 3.0% (1.25 $\mu$ L) ; 1.0% (2.5 $\mu$ L) - Increments : 0.01 $\mu$ L		
	Volume : 10 - 100 $\mu$ L - Inaccuracy : 3.0% (10 $\mu$ L) ; 1.0% (50 $\mu$ L) ; 0.8% (100 $\mu$ L) - Imprecision : 1.50% (10 $\mu$ L) ; 0.50% (50 $\mu$ L) ; 0.15% (100 $\mu$ L) - Increments : 0.5 $\mu$ L		
	Complement Local Item Included :		
	New Hollow Cathode Single Element Lamp (User Selected Element)	16	
	2. Graphite tube for Graphite Furnace System	3	
	3. Open Cell Hydride for HG3000 Automatic Hydride Generator	2	
	4. Closed Cell Hydride for HG3000 Automatic Hydride Generator	1	
	5. ESV Camera	1	
	6. Burner for Nitrous Oxide	1	
	7. Acetylene Gas Cylinder & Regulator	1	
	8. Argon Gas Cylinder & Regulator	1	47/04/2022
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9. Nitrous Oxide Cylinder & Regulator	1	
10. Standard Solution (According to Hollow Cathode Lamp)	16	
11. Compressed air : Oil free	1	
12. Water Chiller	1	
13. UPS 20 kVa (integrated stabilizer)	1	
14. Reductant NaBH₄	1	
15. Reductant SnCl₂	1	
16. Installation Tubing Kit up to 10 m and gas filter	2	
17. Installation Fume extraction system : Ducting, Hood and Fan Blower	2	
18. Desktop PC : Intel Core i7, Ram: 8 GB DDR4, Harddisk 1 TB, ODD: DVD-RW, Intel HD, Support Windows® 10 Home, Monitor 21,5 Inch	1	
19. Printer : Deskjet printer included scanner	1	
20. IT Trafo	1	
21. AC 0.5 pk for AAS Laboratory	2	
22. Reagent (HNO₃ and HCl)	1	
23. Reagent (NaOH dan KIO <sub>3</sub> )	1	
24. Chimney	1	
25. 2 years warranty for main unit and part except consumable part		
	Subtotal	2.650.458.000
	Discount	530.091.600

#### TERMS AND CONDITIONS

1. Price is include Tax (PPN). FRANCO JABODETABEK

2. Payment : DP: 30%, before delivery: 40%, full payment of two weeks after installation: 30%

TOTAL 2.120.366.400

3. Delivery : Indent 4 - 12 weeks after PO received

4. Warranty : - 2 year for main unit and part except consumable part

- Including Installation and training
- Available Additional Contract Services 1 year after

If you have any questions about this price quote, please don't hesitate to contact us

### Thank You For Your Business!

## **GBC Scientific Equipment Authorized Distributor**



Manufacturer of world class scientific equipment and accessories; AAS, HPLC, ICP-OES, ICP-oTOFMS, Rheometry, UV-Vis and XRD - since 1978.









17/04/2023