

## Multi-port Rare metal dispersion rate measurement instrument

# BELMETAL 3

- Metal dispersion analysis by pulse method
- Efficient three-sample continuous automatic measurement
- Reducing measurement time by rapid cooling

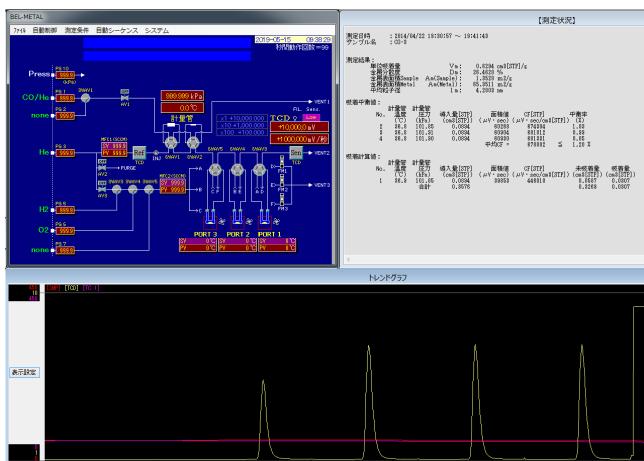
## ■ Features

Efficient use of precious metals is becoming more and more important due to the growing demand for rare metals such as platinum and palladium worldwide. BELMETAL 3 has three measurement ports, enabling efficient metal dispersion measurement by performing pre-processing at the same time.

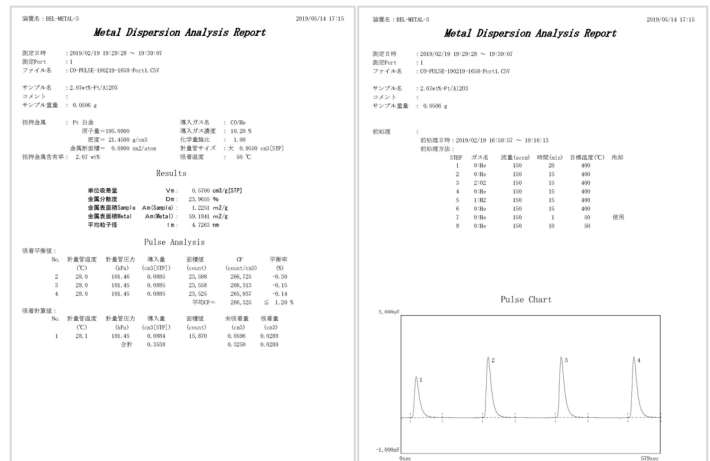
As measurement is fully automatic, anyone can easily operate it and get highly reproducible data regardless of the skill of the experimenter. Measurement results are automatically output in report format, reducing the need for complex calculations.



## ■ Software



## ■ Measurement Sheet



## ■ Method

Pulse injection chemical adsorption measurement method

## ■ Specifications

Model		BELMETAL 3
Method		Pulse injection chemical adsorption measurement method
Detector		Semi-diffusing four-element thermal conductivity detector (TCD)
Measurement/Pre-treatment Port		3 ports
Dosing gas prot	Carrier gas	1 port
	Pretreatment gas	3 ports
	Pulse	2 ports
Pulse loop		1 OP: 2
Gauge glass capacity		0.3 ~ 1.0 cc
Measurement Port	Temperature control range	RT~800°C (OP: RT~1200°C、-20°C~RT)
	Temperature rising speed	70°C/min[50~500°C]、30°C/min[500~800°C]
	Rapid cooling	30min[400→50°C]
Dimensions • Weight		600(W) x 700(D) x 720(H)mm 106Kg
Compter		OS: Windows 10 CPU•Chip set: Intel Serial port : 1 Dispray : Resolution 1024 x 768 dots or more
Utilities	Gas	Carrier, Pretreatment, Pulse : 0.1 ± 0.02MPa (Gauge) 1/8 Swagelok Valve drive gas : 0.45-0.55MPa (Gauge) 1/8 Swagelok
	Power	Main unit AC100-120V/1500W

※Specifications and appearance of the products listed are subject to change without notice.

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