

1 Laboratory Equipment

2 Measuring Equipment

3 Laboratory Furniture

4 Life Science and Analysis

5 Bottles and Containers

6 Laboratory Related Tools and Fixtures

7 Cleaning and Sterilization

8 Safety Protection Supplies

9 Clean Environment Equipment

A Balances

B Thermometers and Hygrometers

C Data-Loggers and Recorders

D Water and Soil Analysis

E Air and Gas Analysis

F Natural Environment Analysis

G Electrical Measuring Equipment

H Physical Property Measuring Equipment

I Microscopes

J Fiber Scopes and Loupes

K Lasers / Optical Equipment

L Measuring Tools

## Coating Thickness Meters•Hardness Meters

### ■ Specification

- Hardness Scale : HLD · HRC · HRB · HV · HB · HS
- Accuracy : ± 6HLD (at 730 ~ 790HLD)
- Min. Uneven Surface R : 50mm
- Min. Sample Thickness : 0.8mm
- Memory : 270 data
- Interface : USB2.0
- Power Supply : AAA Battery × 2 (included for testing)
- Dimensions : 155 × 55 × 25mm
- Weight : 166 g



### PORTABLE DUROMETER

[CN]

Order No.	Model No.	Measuring Range (J.T.S)	JPY	Ref.No
1-3676-01	TIME5100	170~960HLD	¥ 212,000	061580

※ Software for PC is an option.

### ■ Feature

- Operation is easy with high accuracy.
- Measuring of cemented carbide, ceramics, steel / non-ferrous metal materials and plastic casting is possible.

### ■ Set Contents

- Main Unit ● Impactor (D type) ● Test Block (HLD value)
- Cleaning Brush ● Manufacturers Test Report ● Carrying Case
- USB Connection Cable



### DIGITAL DUROMETER

[JP]

Order No.	Model No.	Measurement Upper Limit (kg)	Measurement Interval (g)	JPY	Ref.No
1-9972-01	KHT-40N	40 (392N)	5 (0.05N)	¥ 580,000	061580

### ■ Feature

- Can be measured accurately and immediately breakage strength of sample by one push.

### ■ Specification

- Detection Mechanism : Load Cell Method ● Display Unit : 5digit Red LED Letter Height 20mm ● Power Supply : AC100V 50/60Hz
- Dimensions : 225 × 295 × 372mm ● Weight : approx.9.2kg
- Built-in Printer with Calculation Function incorporated

### TABLET HARDNESS METER

Order No.	Model No.	Dimensions (mm)	Weight (kg)	JPY	Ref.No
3-7111-01	TH-1 Analog Type	240×170×467	9	¥ 168,000	061570

### ■ Feature

- Hardness of tablet can be measured by simple handle operations.
- Compliant to U.S. Pharmacopeia (USP) .

### ■ Specification

- Measuring Range : 0 ~ 20kgf
- Min. Measuring Value : 0.1kgf
- Up/Down Movement Range : 70mm
- Measured Sample Dia. Range : φ 3 ~ 30mm
- Set Contents : Body · Force Gauge · Tablet Board · Tablet Seat · Acrylic Fence · Calibration Board × 1 of each



**NEW**

### ■ Specification

- Material : Aluminum
- Total Length : OB-500G · 1KG / 215mm, Other / 205mm



### DUROMETER

[JP]

Order No.	Model No.	Range (g / N)	Graduation (g / N)	JPY	Ref.No
2-7974-01	OB-110G	0~ 110/0~ 1	2/0.025	¥ 20,000	061565
2-7974-02	OB-200G	0~ 200/0~ 2	5/0.05	¥ 20,000	061565
2-7974-03	OB-300G	0~ 300/0~ 3	5/0.075	¥ 20,000	061565
2-7974-04	OB-500G	0~ 500/0~ 5	10/0.125	¥ 20,000	061565
2-7974-05	OB-1KG	0~1000/0~10	25/0.25	¥ 22,000	061565

### ■ Feature

- Dedicated gauge for pushing and easy to operate.

### DUROMETER (ERICHSEN)

Order No.	Model No.	Range	JPY	Ref.No
1-1715-01	318	0~20N	¥ 113,000	061580
1-1715-02	318-S (With Guide Roller)		¥ 158,000	061580

### ■ Feature

- Measure hardness of coated surface with constant loads.
- 318-S is supplied with guide roller.

### ■ Specification

- Material : Body / Stainless Steel, Tip Pin / Tungsten
- Tip Pin : φ 0.75mm (standardly equipped) ● Dimensions : φ 16 × 160mm
- Weight : 250 g