

# HARDNESS TESTER

เครื่องทดสอบความแข็งแบบตั้งโต๊ะชนิด BRINELL, VICKERS

## BRINELL, VICKERS

MODEL: SHB-3000D



Model	SHR-3000	
Test Forces	kgf	62.5kgf, 100kgf, 125kgf, 187.5kgf, 250kgf, 500kgf, 750kgf, 1000kgf, 1500kgf, 3000kgf
	N	612.9N, 980.7N, 1226N, 1839N, 2452N, 4903N, 7355N, 9807N, 14710N, 29420N
Test range	3.18 ~ 653HBW	
Hardness reading	check hardness table	
Microscope	20× reading microscope	
Max. Height of Specimen	220mm	
Throat	135mm	
Power supply	AC220V , 50Hz	
Dimension	Machine size 545×235×755mm , packing size: 650×435×1025mm	
Weight	Net Weight: 130kg , Gross Weight: 160kg	
Reading resolution	5μm	
Price	<b>185,000.-</b>	

## B-3000 SERIES



Model	B-3000 H	B-3000 O
Hydraulic Brinell		
Load	250 to 300 Kgf	
Max. Test Height	410 mm	380 mm
Depth of throat	200 mm	
Drive Moter	0.33 HP	
Machine Height	1127	1185
Net Weight (approx) (kg)	450	500
Price	<b>250,000.-</b>	<b>สอบถาม</b>

SHB-3000X  
BRINELL



Model	SHB-3000X
Digital Brinell	
Testing Force	62.5, 100, 125, 187.5, 250, 500, 750, 1000, 1500, 3000
Testing Range	8-650 HBW
Magnification Microscope	20x
Min. Resolution Microscope	0.0025 mm
Max. Height of Specimens	225 mm
Price	<b>350,000.-</b>

## Micro Vickers Hardness



Model	SMV-1000 LCD
Micro Vicker	
LCD Size	8"
Testing Forces	10, 25, 50, 100, 200, 300, 500, 1000 gf
Turret	Manual
Testing Forces Loading Switch	Automatic
Magnification Microscope	200x, 400x
Dwell Time	5 - 60s
Min. Resolution of the testing drum	0.0625 mm
Testing Range	1HV - 2967 HV
Dimension XY	100 x 100 mm
Light Source	Halogen Light Source
Price	<b>280,000.-</b>

# HARDNESS TESTER

เครื่องทดสอบความแข็งแบบตั้งโต๊ะชนิด Rock Well



# ROCKWELL

MODEL: HR-150A

Model	HR-150A
Measuring range	20-88HRA, 20-100HRB, 20-70HRC
Test force	588.4, 980.7, 1471N (60,100,150kgf)
Max. height of test piece	170mm
Depth of throat	135mm
Dimensions	466 x 238 x 630mm
Weight	approx. 65kg
Price	<b>59,000.-</b>



SHR-1500M

SHR-1500E

SHR-1500D

PRICE: 69,000.-

PRICE: 79,000.-

PRICE: 190,000.-

## SHR 1500 SERIES

Model	SHR-1500M	SHR-1500E	SHR-1500D
Characteristic	Manual	Electromotion	Digital Readout
Hardness Display	Indicator		Digital Readout
Dwell time	2-30s		1-60s
Rockwell Scales	HRA, HRB, HRC		
Preliminary test force	98 N (10kg)		
All testing force	588 N (60kg), 980 N (100kg), 1471 N (150kg)		
Max. height of specimen	170 mm		
Max. width of specimen	160 mm		
Dimension of machine	500x 150x 750		
Gross/ net weight	120/ 85kg		

## accessories



## MODEL: SHR-3000

Model	SHR-3000
Test Forces	60, 100, 150kgf
Scales	HRA, HRB, HRC, HRD, HRE, HRF, HRG, HRH, HRK, HRM, HRS, HRV, HRP, HRL, HRR
Resolution	0.1 HR
Data Statistics	AV g, Max, Min, SR available
Memory	Max 500
Price	<b>265,000.-</b>



หัวเพชรสำหรับ

Rockwell Hardness 120'

Diamond Cone Indeter ใช้สำหรับทุกชนิด

Price: 9,000.-



10 mm



5 mm



2.5 mm

Steel ball indenter for Brinell

Price: 9,000.-



Steel ball indenter 1.588 mm

Price: 8,000.-



Diamond Pyramid for VICKER 136'

Price: 12,500.-

# UNIVERSAL HARDNESS TESTER, REFERENCE BLOCKS

เครื่องทดสอบความแข็งแบบตั้งโต๊ะชนิด Universal และก้อนสำหรับสอบเทียบค่าความแข็ง



## MODEL SBRV-100D

Model	SBRV-100D		
	Rockwell	Brinell	Vickers
Preliminary test force (N)	98	98	98
Testing Forces (kgf)	60, 100, 150 kgf	30, 31.25, 62.5, 100, 187.5 kgf	30, 100kgf
Hardness Test (N)	588.4, 980.7, 1471N	294.2, 306.5, 612.9, 980.7, 1839N	294.2, 980.7N
Press head	Diamond indenter, $\phi$ 1.5875 mm ball indenter	$\phi$ 2.5 mm , $\phi$ 5 mm ball indenter	diamond indenter
Conversion Scale	HV, HK, HRA, HRB, HRC, HRD, HRG, HRK, HR15N, HR30N, HR45N, HR15T, HR30T, HR45T, HS, HBW		
Accuracy	$\pm$ 2.0% (98N) $\pm$ 1.0%	$\pm$ 1.0%	
Resolution	0.1 HR	0.5 $\mu$ m	0.25 $\mu$ m
Magnification		37.5x	75x
Dimension	(LxWxH) 520x240x740 mm , Packing dimension 650x370x980 mm		
Price	<b>370,000.-</b>		



## MODEL: SBRV-100 E

Model	SBRV-100E		
	Rockwell	Brinell	Vickers
Preliminary test force (N)	98	98	98
Testing Forces (kgf)	60, 100, 150 kgf	30, 31.25, 62.5, 100, 187.5 kgf	30, 100kgf
Hardness Test (N)	588.4, 980.7, 1471N	294.2, 306.5, 612.9, 980.7, 1839N	294.2, 980.7N
Indenter	diamond indenter $\phi$ 1.588mm	2.5mm, $\phi$ 5mm ball indenter	diamond indenter
Dwell time	2~60s		
Max height of specimens(mm)	175mm	100mm	115mm
Resolution	0.5HR	4 $\mu$ m	2 $\mu$ m
Dimension	520x240x700mm , packing dimension: 650x370x950mm		
Price	<b>139,000.-</b>		

REFERENCE BLOCKS ก้อนสำหรับสอบเทียบค่าความแข็ง

ใช้สำหรับสอบเทียบเครื่องวัดความแข็งก่อนทำการทดสอบจริง

พร้อมใบรับรองจากประเทศ อังกฤษ

FOR ROCKWELL  
VICKER  
BRINELL

มีจำหน่ายทุก Scale



สอบถามราคาได้ที่ 082-1288881, 081-7731860 หรือ OFFICE 02-9744354-6

# DIGITAL FORCE GAUGE

เครื่องวัดแรงดึง, แรงกด

## DS-SERIES



DS-SERIES	Capacity	Resolution	Price
DS-10	0-10 N	0.01 N	19,500.-
DS-50	0-50 N	0.01 N	19,500.-
DS-100	1-100 N	0.1 N	19,500.-
DS-200	2-200 N	0.1 N	19,500.-
DS-300	3-300 N	0.1 N	19,500.-
DS-500	5-500 N	0.1 N	19,500.-
DS-1000	10-1000 N	1 N	22,000.-

## FB-SERIES



FB-SERIES	Range	Resolution	Price
FB-10	0-10 N	0.1 N	11,500.-
FB-20	0-20 N	0.2 N	
FB-30	0-30 N	0.25 N	
FB-50	0-50 N	0.5 N	
FB-100	0-100 N	1 N	
FB-200	0-200 N	2 N	
FB-300	0-300 N	2.5 N	
FB-500	0-500 N	5 N	

## DF-SERIES



DF-SERIES	Range	Resolution	Price
DF-2k	0-2KN	1N	22,000.-
DF-3k	0-3KN	1N	22,000.-
DF-5K	0-5KN	1N	22,000.-
DF-10K	0-10KN	0.01KN	26,000.-
DF-20K	0-20KN	0.01KN	26,000.-
DF-30K	0-30KN	0.01KN	29,000.-
DF-50K	0-50KN	0.1KN	32,000.-
DF-100K	0-100KN	0.1KN	35,000.-
DF-200K	0-200KN	0.1KN	39,000.-
DF-300K	0-300KN	0.1KN	49,000.-
DF-500K	0-500KN	0.1KN	49,000.-
DF-1000K	0-1000KN	1KN	59,000.-



Made in Germany



พร้อมใบรับรองจากประเทศเยอรมัน

Free, Calibration Certificate of germany  
Free Datacable&Software

## MANUAL TEST STAND

MODEL: DW

MODEL: DV

MODEL: DC



Stand Model	Model DW	Model DV	Model DC
Capacity Max	1000 N	500 N	500N
Stroke	180 mm	70 mm	70 mm
Clearance	0-300 mm	0-300 mm	
Dimensions (LxWxH)	450x450x700 mm	200x160x540 mm	450x190x180 mm
Weighnet	25 Kg	9 Kg	18 Kg
Weightgross	30 Kg	11 Kg	20 Kg
Price	25,000.-	19,000.-	25,000.-

MODEL: VS

MODEL: VD-5000



## MOTORIZED TEST STAND

Model	VD-5000	VS-500	VS-1000
Capacity Max	5000 N	500 N	1000 N
Stroke	0-220 mm	600 mm	
Speed	30-300mm/min		
Dimensions (LxWxH)	410 x 260 x 1000 mm	360x255x1000 mm	
Weight net	70 Kg	40 Kg	45 Kg
Weight Gross	80 Kg	50 Kg	55 Kg
Price	69,000.-	45,000.-	55,000.-

# เครื่องทดสอบแรงดึง,แรงกด UNIVERSAL TESTING MACHINE ชนิดเสาเดี่ยว

## WDS 100N,500N,1000N,5000N



WDS-100N



Specification	WDS 100 N	WDS 500N	WDS 1000N	WDS 5000N
Max. Load	100	500	1000	5000
Structure	Single column double spaces (Upper)			
Control mode	single chip control			
Test accuracy	1 class ( or 0.5class)			
Test force test range(F·S)	2%~100%F·S (or 0.4%-100%F·S )			
Test force value relative error (%)	≤±1% (or ≤±0.5% )			
Disp. Value relative error(%)	≤±1%			
Resolution (mm)	0.01mm			
Speed adjusting range	0.05-500mm/min(stepless speed adjusting)			
Dimension	550×400×1600mm			
Price	155,000.-	155,000.-	155,000.-	155,000.-

## WDW 1KN 2KN 3KN

desktop automatic material tensile testing machine for plastic rubber and wire

### Application:

It is applicable for wide range of material for tension, compression, bending, shearing and low cycle test. Suitable for metal, rubber, plastic, spring, textile, and components testing. It is widely used in the corresponding industries, research and development, test institutes and training centers etc.

Specifications	WDW 1,2,5 Kn
Max. Test Force	1Kn/2Kn/3Kn
Load range	2%~100% FS
Resolution	0.01 mm
Test Speed	0.05-500 mm/min
Tensile Space	600 mm (can be customized)
Compression Space	600 mm (can be customized)
Dimension	425 x 400 x 1315 mm
Price	195,000.-



## TENSILE STRENGTH TESTING MACHINE



### ชนิดเสาเดี่ยว

### KJ-1065A KJ-1065B

Specifications	KJ-1065A	KJ-1065B
Range of speed	0.5-1000mm/min	50-500mm/min
Motor	Japan Panasonic Servo Motor	AC Motor
Capacity choice	1、 2、 5、 10、 20、 50、 100、 200、 500kg optional	
Resolution	1/250 , 000	1/150 , 000
Effective testing spac	120mmMAX	
Accuracy	±0.5%	
Dimention	(W×D×H)58×58×125cm	
Price	250,000.-	220,000.-

# เครื่องทดสอบแรงดึง,แรงกด UNIVERSAL TESTING MACHINE

## ชนิด 2 เสา

### WDS-50KN , WDS 100KN

Electronic Power and Textile Testing Instrument  
Usage Safety belt tensile strength testing machine



Specification	Model	
MODEL	WDS-50	WDS-100
Structure type	Single Arm-type	Door structure
Max test force ( KN )	50KN	100KN
Ways of operate	Digital display	
Load measurement range	2%-100%	2%-100%
Test force accuracy	±1%	±1%
Speed of displacement	1mm/min-200 mm/min	1mm/min-500 mm/min
Displacement accuracy	±1%	±1%
Tensile space	550MM(Can be customized according to customer demand)	
Compression space	600MM(Can be customized according to customer demand)	
Dimension	600mm x 450mm x 1700mm	840mm x 600mm x 1750mm
Price	350,000.-	390,000.-

### WDW-50 , WDW-100 Computer Controlled Electronic Universal Testing Machine, High accuracy, Tensile test



### WDW-50



**FREE!!  
COMPUTER SET  
& PRINTER**

### WDW-100

Specifications	Model	
Model	WDW-50	WDW-100
max. test force	50KN	1000KN
Measurement range of test force	2%-100%	2%-100%
Testing machine accuracy grade	1	1
Accuracy of test force	≤±1%	≤±1%
Crosshead displacement resolution	0.01mm	0.01mm
Adjust speed range	1-200mm/min	1-200mm/min
Test force	600mm	600mm
Host type	door structure	door structure
Host dimension	840mm x 600mm x 1750mm	740mm x 600mm x 1850mm
Weight	500kg	500kg
Working environment	room temperature 45 humidity 20%-80%	
Price	420,000.-	450,000.-

# เครื่องทดสอบแรงดึง,แรงกด UNIVERSAL TESTING MACHINE Hydraulic Universal Testing Machine



**WAW-300B**



## Computer Control Servo Hydraulic Universal Testing Machine

Free Extensionmeter, Computer, Printer, Calibration Certificate



**WAW-600B**



Model	WAW-300B	WAW-600B
Max. Load capacity	300KN	600KN
Load accuracy	Within $\pm 1\%$	
Test space	Tensile	550mm
	Compression	500mm
Piston stroke	200 mm	
Distance between columns	450mm	
Dimension	750 x 600 x 2100 mm	750 x 600 x 2200 mm
	Tensile fixture	Round specimen fixture
	Flat specimen fixture	0-15mm 15-30mm
	The width of flat specimen	70mm 80 mm
Price	590,000.-	650,000.-

## WE-600A Dial Hydraulic Universal Testing Machine

ติดต่อสอบถามได้ที่

สายด่วน 082-1288881, 081-7731860  
หรือ OFFICE 02-9744354-6



## WE-1000A Dial hydraulic universal test equipment+Dynamometer

ติดต่อสอบถามได้ที่

สายด่วน 082-1288881, 081-7731860  
หรือ OFFICE 02-9744354-6



Model	WE-600A
Maxcapacity	600kn
Accuracy Grade	1
Load Way	Mechanical Load
Loading Method	Static Load
Display	Digital
Control	Manual Control
Weight	1000-2000Kg
Power Source	AC380V
Oil Cylinder Position	Under
Load Accuracy	Within $\pm 1\%$
Piston Stroke	200mm
Color	According to The Client's Demands
Round Specimen Fixture	Diameter 13-26mm 26-40mm
Flat Size	Diameter 160mm or 205 x 205mm

Model	WE-1000A
Max. capacity (KN)	1000 KN
Relative error of reading	$\leq \pm 1\%$
Clamping method	Hydraulic clamping
Round specimen clamping range	$\Phi 13\text{-}\Phi 26$ $\Phi 26\text{-}\Phi 40$ $\Phi 40\text{-}\Phi 60$ mm
Flat specimen clamping thickness	0-20 20-40 mm
Flat specimen clamping width	80 mm
Max. tension test space	600 mm
Max. compression test space	550 mm
Dimension	Load frame 1060*760*2220mm
	Dynamometer 1050*770*1780mm
Safety devices	Software and machinery protection
Diameter of bending roller	$\Phi 40$ mm
Compression platen size	205 x 205
Max. piston stroke	200 mm
Power supply (KW)	380V 50HZ

# เครื่องทดสอบแรงดึง,แรงกด UNIVERSAL TESTING MACHINE Hydraulic Universal Testing Machine

## MODEL:WE-300B

Digital Display Hydraulic Universal Testing Machine



## MODEL:WEW-300B

PC display tensile testing machine for bolt+tension and compression testing machines



Specifications		WEW-300B	WEW-300B
Max. Load capacity		300 KN	
Load accuracy		Within $\pm 1\%$	
Test space	Tensile	550mm	
	Compression	500mm	
Piston stroke		200mm	
Distance between columns		450mm	
Tensile fixture	Round specimen fixture	$\Phi 0-\Phi 13\text{mm}$ $\Phi 13-\Phi 26\text{mm}$	$\Phi 10-\Phi 20\text{mm}$ $\Phi 20-\Phi 32\text{mm}$
	Flat specimen fixture	0-15mm	
	The width of flat specimen	80mm	70mm
Flat size		205mm*205mm	$\Phi 160\text{mm}$
Bending adjust space		400mm	
Dimension		750 * 600 * 2200 mm	750 * 600 * 2100mm
Power supply	Three-phase 380V 50HZ(special requirement can be met)		
Price		390,000.-	450,000.-

## Product Description

WE-300B Digital display hydraulic universal testing machine+Tensile test

Main Applications & Functions:  
WE-300B digital display hydraulic universal testing machine is adopting oil hydraulic power(as WAW&WEW series) to push the piston in the oil cylinder to provide loading force on specimen. It adopts analog dial dynamometer to display the test result. The loading force display on LCD monitor. The machine have been adopting in many fields like construction area, inspection area, teaching area and so on. It can test specimen's tensile compression flexure shear and so on.

## Compression Machines เครื่องทดสอบแรงกด

### Compression Testing Machine with Dial Gauge (TYE-1000/TYE-2000)

Model	TYE-1000	TYE-2000
Max. capacity (kN)	1000	2000
Rated pressure (Mpa)	40	40
Relative error (%)	$\pm 2$	$\pm 2$
Max. travel of ram (mm)	40	40
Measuring Range (kN)	0 - 500, 0 - 1000	0 - 800, 0 - 2000
Size of platen (mm)	220*280	220*280
Max. distance between upper and lower platens (mm)	320	330
Dimension (L*W*H)	910 x 460 x 1440	
Net weight (Kg)	800	850
Price	195,000.-	250,000.-





# DENSIMETER

## เครื่องทดสอบความหนาแน่นของวัสดุ

### New! Update TOUCH SCREEN LIQUID DENSITY METER

TS-300G



In accordance with GB/T13531, T5526, T5009, ASTM, JIS, ISO standards, and by adopting the buoyancy method and water displacement method of Archimedean principle, the density and concentration can be showed rapidly.

Model	TS-300G
Measuring range	0.01g~300g
Density range	0.001-2.000
Density Precision	0.001g/cm <sup>3</sup>
Concentration Precision	0.1% - 100.0%

สอบถามราคาได้ที่ 02-9744354-6

### New! Update SOLID DENSITY METER

Model	GP-300E	GP-600E
Maximum Weight	300g	600g
Weighting Precision	0.01g	
Density Range	>1, <1 Both can be measured	
Inter Face	RS-232	



สอบถามราคาได้ที่ 02-9744354-6

### MH-300A/600A Suitable for Rubber, Plastic, Electric wire, Hard alloy, New material research lab.



Model	MH-300A	MH-600A
Weighting range	0.01g~300g	0.01g~600g
Density range	>1,<1 both can be tested	
Density Precision	0.001g/cm	
Value Showed	Apparent density, Volume	
Price	<b>65,000.-</b>	

สินค้า  
ขายดี

### MH-300Y/600Y Suitable for Polymer, Sponge Rubber, Eva, PU Foam, Polyethylene Foam, Composite Material Research.



Model	MH-300Y	MH-600Y
Weighting range	0.01g~300g	0.01g~600g
Dimension	(D) 230 x (W) 195 x (H) 185	
Resolution	0.001g/cm	
Average Weight	0.001g	
Price	<b>65,000.-</b>	

### MH-124S

Suitable for Rubber, Plastic, Film, Cable, Glass, Liquid, Agent Industry, Materials research lab.



Model	MH-124S
Weighting range	0.0001g-120g
Density range	0.0001g/cm
Resolution	0.001g/cm
Liquid mode	additive, suspending liquid, emulsion, dispersion liquid
Solid mode	Solid, particle, film, floating sample

สอบถามราคาได้ที่ 02-9744354-6

### MH-204S

Suitable for Powder Metallurgy Industry, New Material Research Lab.



Model	MH-204S
Weighting range	0.0001g-42g~0.0001/204g
Density range	0.0001g-2.2000
Resolution	0.00001g/cm
Liquid mode	additive, suspending liquid, emulsion, dispersion liquid
Solid mode	Solid, particle, film, floating sample

### MH-300P/600P Suitable for Powder Metallurgy Industry, New Material Research Lab.



Model	MH-300P	MH-600P
Weighting range	0.01g~300g	0.01g~600g
Density Precision	0.001g/cm	
Testing Time	About 10 seconds	
Interface	RS-232	
Price	<b>65,000.-</b>	

### GP-300E/600E

Suitable for Rubber, Plastic, Electric wire, New materials research lab.



Model	GP-300E	GP-600E
Maximum Weight	300g	600g
Weighting Precision	0.01g	
Density Range	>1, <1 Both can be measured	
Inter Face	RS-232	
price	<b>55,000.-</b>	<b>60,000.-</b>

### GP-120E

Suitable for Rubber, Plastic, Electric wire, Hard alloy, New materials research lab.



Model	GP-120E
Weighting range	0.001g-120g
Density Precision	0.0001g/cm
Temperature compensat	The solution temperature can be set from 0 C to 49
Solution compensat	The solution density can be set to 19.999
Price	<b>63,000.-</b>

### GP-120C

Suitable for Fine Ceramic industry, New Material Research institutes.



Model	GP-120C
Weighting range	0.001g-120g
Density Precision	0.0001g/cm
Testing Time	About 10 seconds
Standard Interface	RS-232
Price	<b>75,000.-</b>

# GAS DETECTOR, SOUND LEVEL METER, LUX METER, EDDY CURRENT, HANDHELD

เครื่องวัดแก๊สรั่ว, เครื่องวัดเสียง, เครื่องวัดแสง, เครื่องวัดค่าการเหนี่ยวนำไฟฟ้า, เครื่องวัดฝุ่น

## GAS DETECTOR

เครื่องวัดแก๊สรั่ว

MODEL	AR8800A	AR5750A
Detecting item	All explosive gases	All type of halogenated gases
Ultimate sensitivity	5ppm	5 AEJ1607 Level standard, 0.5 oz per years
Warm up time	<110sec./ <90sec. (in 25 °C, 60%RH)	
Low battery indication	5 ± 0.3V/ 5.5 ± 0.3V	
Price	<b>13,500.-</b>	<b>15,500.-</b>



MODEL  
AR8800A



MODEL  
AR5750A

## SOUND LEVEL METER

เครื่องวัดเสียง

สินค้าใหม่

MODEL	SL-5868P
Standard	GB/T3785, IEC651 Type 2, ANSIS.4 Type2
Range	
A	30-130dB
C	35-130dB
Line	40-130dB
Leq	30-130dB (10s, 1m, 5m, 10m, 15m, 30m, 1h, 8h, 24h)
Ln	0-100%
DC output	10mv = 1dB (AC optional)
Resolution	0.1dB
Accuracy	1 dB
Memory	30 Groups
LCD Display	
Price	<b>8,500.-</b>



MODEL  
SL-5868P

## Eddy Current

Electrical Conductivity Meter

TMD-101

สินค้าใหม่



## เครื่องวัดค่าการเหนี่ยวนำไฟฟ้า

MODEL	TMD-101
Operating temperature	0°C~50°C
Relative humidity	0~95%
Distinguishing	0.1% IACS
L x B x H	180 x 75 x 30 mm
Operating freq	60KHz, 120 KHz
Price	<b>95,000.-</b>



เครื่องวัดฝุ่น  
MODEL CLJ-H603

## Handheld Particle Counter

MODEL	CLJ-H603
Flow Rate	0.1 CFM (2.83 LPM)
Six particle-size channels	0.3, 0.5, 1.0, 2.0, 3.0, 5.0 um
LCD display	320x240 pixels
memory	1500 samples
Price	<b>135,000.-</b>

### Features

- Digital display gives exact reading with no guessing or errors.
- Separate light sensor allow user take measurement at optimum position.
- Multi-parameter measurement: Lux & FC.
- Wide measuring range and high resolution.
- In build low battery indicator.
- Max value hold function.
- The use of durable, long lasting components, including a strong, light weight ABS-plastic housing assures maintenance free performance for many years.

The housing has been carefully shaped to fit comfortably in either hand.

Model	LX-9621	LX-9626	LX-101
Display	4 Digits 10 mm LCD		
Range	0~50,000 Lux, 3 Ranges		
		0~5,000 FC	
Operating Conditions			
Temperature	0~50°C (32~122 °F)		
Humidity	< 80% RH		
Resolution	1 Lux		
Accuracy	± (5% n + 5d)		
Price	<b>3,900.-</b>	<b>4,500.-</b>	<b>3,900.-</b>

## LUX METER เครื่องวัดแสงสว่าง

LX-9621



LX-9626



LX-101



New Update

# ULTRASONIC CUTTER

เครื่องตัดชิ้นงานด้วยระบบอัลตราโซนิค

Material	Depth	SUW30CD/CMH	SUW30CT	SUW30CTL
ABS.PE	2 mm	13 mm/Sec	10 mm/Sec	4 mm/Sec
	3 mm	10 mm/Sec	6 mm/Sec	2 mm/Sec
Acrylic	2 mm	13 mm/Sec	5 mm/Sec	3 mm/Sec
	3 mm	7 mm/Sec	3 mm/Sec	2 mm/Sec
Nylon PP	2 mm	25 mm/Sec	2 mm/Sec	Not Available
	3 mm	3 mm/Sec	1 mm/Sec	Not Available
Non woven		Available	100 mm/Sec	Available
Neoprene	5 mm	Available	50 mm/Sec	Available
Corrugated Paper	8 mm	Available	30 mm/Sec	
Laminte Wood	2.5 mm	Available	10 mm/Sec	
Fiberglass	1.5 mm	Available	3 mm/Sec	Available
Paper stock	1.5 mm	21 mm/Sec	20 mm/Sec	Available
Urethane	3 mm	10 mm/Sec	Not Available	Not Available
Linoleum	2 mm	10 mm/Sec	3 mm/Sec	Available
<b>Price</b>		<b>98,000.-</b>	<b>95,000.-</b>	<b>150,000.-</b>

## Pedal Type

Model : SUW 30CT/CTL



## Standard Type

Model : SUW 30CD



## Robot Type

Model : SUW 30CTL



### Specifications

#### 1. Generator (SUW30CD)

Oscillation Frequency	40KHZ
Ultrasonic Wave output	35W (continue adjustable 10-100%)
Oscillation Method	Resonance Frequency Automatic Tracking
Power Supply/Fuse	AC100V 50/60Hz/0.7A
Dimension&Weight	w180x D175xH79 mm/1.6kg

#### 2. Handle Price (SUW30CD)

Vibrator	PZT Type
Dimension&Weight	φ 34 mm x L216 mm ; 0.3kg
Wire length	2.0 mm

## Sonic-Cutter Standard Set

Oscillation Frequency : 39.5KHz, Max. Output Power : 30W

Intricate and accurate cutting with a light touch.

This ideal handpiece offers excellent maneuverability and there is no vibration to the hand ensuring an accurate and sharp cutting finish.



For Cutting and deburring of plastics



For Cutting of sheet, cloth, etc



For correcting of PCB patterns



For Cutting rubber film, etc.

## Application Samples

### Standard Equipment

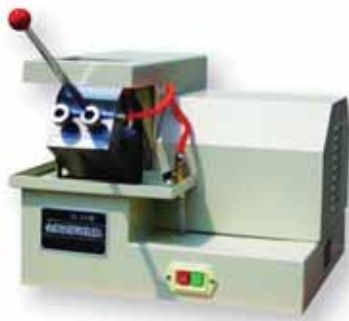
- Controller (NE80) : 1 pc.
- Hand-Held Sonic-Cutter w/cord (US-15CB) : 1 pc.
- Spare Blade : 40 pcs. (made by NT Co. BDC-200P 30 )
- Tool Stand (Spiral Spring) : 1 pc.
- Allen Wrench (1.5 mm) : 2 pcs.
- Hexagonal Wrench (M5), (R1.5) : 1 pc. each
- Spare Set Screw : 4 pcs

Code No.	9925 (120V)
	9926 (230V)
Model	US-15CBS
<b>Price</b>	<b>65,000.-</b>

# SPECIMEN CUTTING MACHINE

เครื่องตัดชิ้นงานละเอียด

MODEL : Q-2A



Model	Q-2A
Max. Cutting Section	55x55 mm
Rotate Speed	2860 rpm
Abrasive Wheel	300x2x32 mm
Power Supply	220v/380v, 50Hz
Price	<b>65,000.-</b>

Model : DTQ-5



*Low speed  
precise specimen  
cutting machine*

Model	DTQ-5
Movable stand travel	25 mm
Positioning Accuracy	0.01 mm
Rotating Speed of main shaft	60-600 rpm.
Diameter of Blade	φ 150 mm
Power Supply	220v/110v, 50Hz
Dimension	35x35x20 cm
Weight	18.5 Kg
Price	<b>185,000.-</b>

Model: Q-100B/Q80Z



Model	Q-100B	Q80Z
Max. Cutting Diameter	100 mm	80 mm
Max. Cutting Volume	100 x 200 mm	80 x 200 mm
Manual and Automatic cutting means can be switched		
Sand wheel	350 x 2.5 32 mm	
With 60L cooling liquid water tank		
Total 7 Levels Cutting speed setting		
Price	<b>220,000.-</b>	<b>190,000.-</b>

MODEL : GTQ-5000B



Model	GTQ-5000B
Feeding speed	0-30mm/min (0.1mm increments)
Rotating speed	300-5000rpm adjustable
Maximum cutting diameter	Φ60mm
Maximum travel	Y-axis 200mm
Cutting disc diameters	200mm (100mm, 125mm, 150mm optional)
Cutting power	1100 W
Power supply	single phase, 220V, 50HZ
Dimensions	72 x 70 x 41 cm
Price	<b>350,000.-</b>

# SPECIMEN CUTTING MACHINE

SQ-SERIES



Model	SQ-60	SQ-80	SQ-100
Max. Cutting diameter	60 mm	80 mm	100 mm
Rotate Speed	2800 pm		
Sand wheel	250x2x32 mm		250x2.5x32 mm
Power supply	380v 50Hz		
T-shot Worktable			
Outside Cooling System			
Price	<b>140,000.-</b>	<b>155,000.-</b>	<b>170,000.-</b>

# SPECIMEN CUTTING MACHINE

เครื่องตัดชิ้นงานละเอียด

## AUTOMATIC and MANUAL

**New Update**

METACUT 80L  
100L 120L



Metacut 80 100 120A



**NEW UPDATE**

## AUTOMATIC and MANUAL

Model	Metacut 80L	Metacut 100L	Metacut 120L
Max. Cutting	φ 80mm	φ 100mm	φ 120 mm
Rotating Speed of main shaft	2300 rpm		
Sand wheel	300 x 2 x 32 mm	350 x 2.5 x 32 mm	400 x 2.5 x 32 mm
Automatic feeding speed	0-180mm/min		
Cutting disc Moving distance	0-50 mm		
Forward and backward	0-340mm		
Working table size	430 x 400 mm		
Motor power	2.2 kw	3 kw	4 kw
Power supply	380v, 50Hz		
<b>Price</b>	<b>250,000.-</b>	<b>280,000.-</b>	<b>350,000.-</b>

Model	Metacut 80	Metacut 100	Metacut 120
Max. cutting diameter	φ80mm	φ100mm	φ120mm
Rotating speed of main shaft	2300rpm		
Sand wheel specification	300x2x32mm	300x2.5x32mm	400x2.5x32mm
Automatic feeding speed	0-180mm/min		
Cutting disc upward and downward moving distance	0-50mm		
Forward and backward moving distance	0-340mm		
Working table size	430x400mm		
Motor power	2.2KW	3KW	4KW
Power supply	380V, 50Hz		
<b>Price</b>	<b>190,000.-</b>	<b>210,000.-</b>	<b>250,000.-</b>

**New Update**

## METACUT - 5000

**QIEGE-60S**



**QIEGE-100S**



**MANUAL**

**AUTOMATIC and MANUAL**

Model	QIEGE-60S	QIEGE-100S
Power Supply	380v, 50Hz	
Rotating Speed of main shaft	2800 rpm	2200 rpm
Max. Cutting Diameter	φ60 mm	φ 100 mm
Sand wheel specification	250x2x32 mm	350 x 2 x 32 mm
Motor	2.4 kw	3.3 kw
Dimensions	750x620x450 mm	900x860x620 mm
<b>Price</b>	<b>145,000.-</b>	<b>350,000.-</b>



Model	Metacut-5000
Feeding Speed	0-180 mm/ min 0.1mm
Rotating Speed	300-5000 rpm
Maximum Cutting	φ60 mm
Maximum travel	Y-axis 25 mm
Cutting disc diameters	100mm, 125mm, 150mm, 200mm
Motor Power	1200 w
Power supply	220v, 50Hz
<b>Price</b>	<b>290,000.-</b>

Model: CT-260 /CT-360



Model	CT-260	CT-360
	Joy Stick or botton Control	
Max. Round Workpiece	90 mm	120 mm
Cuting Depth	260 mm	360 mm
Rotational Speed	2500 pm	2500 pm
Power supply	AC220	
Feeding Method	Auto & Manual	
<b>Price</b>	<b>650,000.-</b>	<b>750,000.-</b>

**MODEL: LSQ-100**



Model	LSQ-100
Max. Cutting Diameter	100 mm
Rotating Speed	2800 pm
Sand wheel	300 x 2 x32 mm
Power supply	380v or 220 v, 50Hz
Equipped with 60L Cooling liquid thank	
<b>Price</b>	<b>250,000.-</b>

# GRINDING & POLISHING

## เครื่องขัดชิ้นงานละเอียด

AUTOPOL-1000

AUTOPOL-2000



New Update

Model	Autopol-1000	Autopol-2000
Disc diameter	standard 250mm (optional 230mm, 200mm)	
Speed	0-1000n/min	60-1000n/min
Grinding head speed	50-200n/min	
Air pressure	0.5-0.8MPa	
Electromotor	220V, 50/60Hz, 550W	
Overall Dimensions	710x 430 x 640 mm	710x 760 x 640 mm
Price	<b>290,000.-</b>	<b>380,000.-</b>



MODEL: MP-2

Model	MP-2
Diameter of grinding disk	230 mm Rotating Speed 450 rpm
Diameter of Polishing Disk	200 mm Rotating Speed 600 rpm
Power supply	370w, 220v, 50Hz
Dimensions	72x69x31 mm
Price	<b>60,000.-</b>

METAPOL-1250X

METAPOL-2250X



Model	METAPOL 1250X	METAPOL 2250X
Speed	0-1000 r/min (customized)	
Disc diameter	254mm(Optional 230 , 220 , 203mm)	
Power	550W, 220V, 60/50Hz	
Overall Dimensions	760x410x330mm	760x710x330mm
Price	<b>95,000.-</b>	<b>155,000.-</b>

Model: MP-1B



Model: MP-2B



model	MP-1B	MP-2B
Diameter of grinding disc	Ø230mm rotating speed 50-1000 rpm	
Diameter of polishing disc	Ø200mm rotating speed 50-1000 rpm	
Diameter of sand paper	Ø200mm	
Motor	YSS6324, 250W	550W
Power supply	Single phase, 220V, 50Hz	
Dimensions	65 × 37 × 31 cm	70 × 60 × 28 cm
Price	<b>75,000.-</b>	<b>85,000.-</b>

## POLISHING AND GRINDING HEAD

Model: MPT-1



Model	MPT-1
Power	200v or 380v 50Hz
Rotate Speed	50 rpm
Sample force	0-40N
Sample capacity	1 -3 Sample
Price	<b>45,000.-</b>

## Belt Surface Grinding Machine



Model	BG-30
Distance between the centers of two rollers	255 mm
Equipped with water cooling system	
Sand belt	920x100 mm
Rotating Speed	1400 rpm
Moter	550 w
Power supply	380 v
Price	<b>60,000.-</b>

# GRINDING & POLISHING

เครื่องขัดชิ้นงานละเอียด

## MOPA0-2DE



Model	MOPA0 -2DE
Rotation speed of working disk	50-600 rpm (stepless speed changing)
	150/300rpm (two-level constant speed)
Diameter of working disk	200mm/250mm
Power supply	220V 50Hz
Net weight	75 Kg
Price	185,000.-

## GRINDING & POLISHING



## Model : METAPOL 1200D

Model	Metapol 1200D
Double speed	300 and 600 rpm
Diameter of working Disk	200 mm
Power Supply	380v three phase
Price	55,000.-

## AUTOPOL 1000X AUTOMATIC GRINDING

Model	METAPOL-1000X
Diameter of grinding and polishing	250 mm
Grinding disc rotating speed	100-1000 rpm, FWD & REV rotating direction can be shifted
Grinding head speed	0-100 rpm
Sample preparing time	0-9999s
Loading force type and range	30-200N (central force loading)
Sample holder	6-hole $\phi$ 30mm
Power supply	AC 220V, 50Hz, single phase
Motor power	750W
Overall Dimensions	790 x 490 x 660 mm
Net weight	61 Kg
Price	330,000.-



MODEL: METAPOL-1000X

## METAPOL-2000X

Model	METAPOL-2000X
Diameter of grinding and polishing	250mm magnetic disc
Grinding disc rotating speed	100-1000 rpm, FWD & REV rotating direction can be shifted
Grinding head speed	0-100 rpm
Sample preparing time	0-9999s
Loading force type and range	30-200N (central force loading)
Sample holder	6-hole $\phi$ 30mm (optional 4-hole $\phi$ 40- $\phi$ 50mm, or customized)
Power supply	AC 220V, 50Hz, single phase
Motor power	750W
Overall Dimensions	730 x 700 x 660 mm
Net weight	74 Kg
Price	420,000.-



MODEL : METAPOL-2000X

# METALLOGRAPHIC SPECIMEN MOUNTING PRESS

เครื่องหล่อชิ้นงานละเอียด

## METAMON-1



**New Update**

Model	Metamon-1	
Mould diameter	Ø30mm	Ø45mm
Max. sample height	40mm	
Heater	650W	
Temperature adjusting range	100-180 °C	
Power supply	single phase, 220V, 50Hz	
Dimensions	33x36x43cm	
Net weight	32Kg	
Price	<b>75,000.-</b>	<b>80,000.-</b>

## METAMON-6



Model	Metamon-6
Pressure	0~2MPa (product pressure : 0~72MPa)
Mounting temperature	50-300 °C
Shortest mounting time	< 15 minutes
Mould diameter (can be randomly selected 2 types)	Ø25mm, Ø30mm, Ø40mm, Ø50mm
Heating power	1000W
Voltage	220V
Dimension	630x520x520mm
Net weight	120Kg
Price	<b>240,000.-</b>

## METAMON-5



Model	Metamon5
Diameter of diameter	Ø25mm, Ø30mm, Ø40mm, Ø50mm
Max. power consumption	1600W
Setting range of system pressure intensity	0-2MPa (corresponding preparing pressure intensity : 0-72MPa)
Temperature adjusting range	100-180 °C
Power supply	single phase, 220V, 50Hz
Heat preserving time	0-99m99s
Net weight	82Kg
Price	<b>220,000.-</b>

## MODEL: XQ-2B



Model	XQ-2B
Mould diameter	Ø30x15, Ø45x18mm
Heater	650w
Temperature adjusting range	100-180 °C
Power supply	Single phase, 220V, 50Hz
Dimensoins	34x27x40cm
Net weight	33KG
Price	<b>70,000.-</b>



Model	AMP-5
Mold diameter	φ22mm, φ30mm, φ40mm, φ45mm(4mold)
Power	1800w
Temperature	0-180°C
Full automatic coating system by water	
Diamension	6150x510x500mm
Price	<b>220,000.-</b>

## MODEL

## ZXQ-1, ZXQ-2



### Features

- Water cooling system (ZXQ-2)
- Touch screen LCD operation (ZXQ-1, (ZXQ-2)
- Automatic processing (ZXQ-1, (ZXQ-2)

Model	ZXQ-1	ZXQ-2
Specimen formed under pressure	φ30mm	
Heater	650W	
Transducer	300W	
Power supply	single phase. 220V, 50Hz	
Net Weight	50 Kg	55 Kg
Dimensions	380x350x420mm	420 x 390 x 460mm
Price	<b>165,000.-</b>	<b>185,000.-</b>



# IMPACT TESTING MACHINE

เครื่องทดสอบแรงกระแทก

## JBW-B Semi-automatic Impact Testing Machine



**JBW-300B**  
**JBW-500B**

The series impact testing machine is used to test the performance of impact resistance under the live load, being an indispensable device in metallurgy and machine manufacturing units and is also a necessary testing instrument for the research of new materials in research institution. The series model is the mostly widely used impact testing machine at current market.

Model	JBW-300B	JBW-500B
Specification Technical	JBS-300B	JBS-500B
impact energy	150J、300J	250J、500J
The distance between the pendulum shaft and impact point	750mm	800mm
impact speed	5.2m/s	5.4 m/s
Display type	Computer / Digital Readout	
Pre-rising angle of pendulum	150°	
Specimen bearer span	40+0.2mm	
Round angle of the jaw	R1-1.5mm	
Round angle of impact cutting edge	R2-2.5mm、R8mm	
Accuracy of angle	10 × 10 × 55mm	
Specimen box capacity	Manual by people	
power supply	380V/50Hz/5A	
Model JBW-B	JBW-300B	JBW-500B
Price	490,000.-	550,000.-
Model JBS-B	JBS-300B	JBS-500B
Price	350,000.-	450,000.-

## JBS-B Semi-automatic Impact Testing Machine



**JBS-300B**  
**JBS-500B**

## DWTT series drop hammer tearing tester machine

DWTT drop hammer tearing tester is applicable to various ferritic steel, in particular to a drop hammer tearing impact test of various pipeline steel. The DWTT drop hammer tearing tester meets GB/T8363-2007 and an ASTM E436 testing method. A mainframe of the drop hammer tearing tester adopts a four-support type stable structure, has good rigidity and double slide guide rails which is provided with an automatic sample transportation mechanism, a positioning mechanism, a tilt prevention mechanism, a safety mechanism, a hydraulic buffer device, a test sample reclaiming device and a safety prevention device. The drop hammer tearing tester can adjust the preset impact energy through two modes of controlling the hoisting height of a drop hammer and increasing or reducing balance weight. According to different operation control modes and measuring display modes, the drop hammer tearing tester comprises two types: a digital display drop hammer tearing tester and an instrument drop hammer tearing tester. The digital display drop hammer tearing tester is characterized by single-chip microcomputer control, touch screen and key-press operation, hoisting height display and control, and presetting and display of the maximal impact energy.



**DWTT-30000W**

Specification Model	DWTT-30000W	DWTT-50000W
Maximum Impact Energy	30000J	50000J
Maximum Lifting Height	2500 mm	
Mouthing Height of Main Machine	≤5.8m	
Impact Velocity	≥5m/s	
Support Span	254+1.5mm	
Curvature Radius of Hammer Edge of Drop Hammer	R25.4±2.5mm	
Curvature Radius of Support Jaw	R14.3±1.59mm	
Deviation between the Central Line of Hammer Edge of Drop Hammer and the Center of Support Span	±1mm	
Rockwell Hardness of Hammer Edge and Supporting Surface of Support Jaw	≥HRC55	
Sample Specification	300 × 70 × (6-32)mm	
External Dimension of Testing Machine	1600 × 2300 × 5500mm	
Price	2,900,000.-	4,900,000.-

# IMPACT TESTING MACHINE

เครื่องทดสอบแรงกระแทก

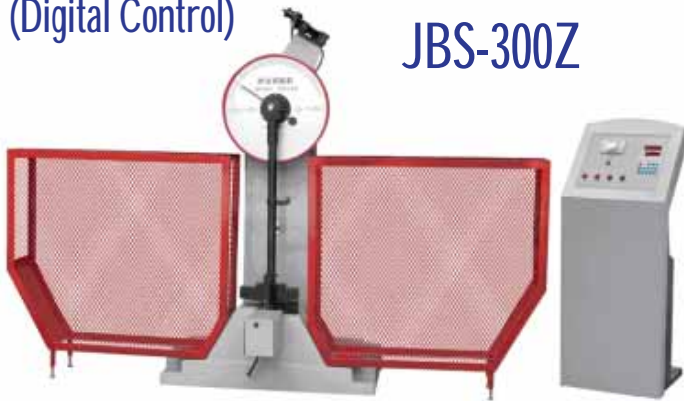
JBW-Z Automatic Impact Testing Machine (computer Control)

JBW-300Z



JBS-Z Automatic Impact Testing Machine (Digital Control)

JBS-300Z



Model	JBW-300Z	JBW-500Z
	JBS-300Z	JBS-500Z
impact energy	150J、300J	250J、500J
The distance between the pendulum shaft and impact point	750mm	800mm
impact speed	5.2m/s	5.4m/s
Display type	Computer / Digital Readout	
Pre-rising angle of pendulum	150°	
Specimen bearer span	40mm	
Round angle of the jaw	R1-1.5mm	
Round angle of impact cutting edge	R2-2.5mm、R8mm	
Accuracy of angle	0.1°	
Specimen specification	10 × 10 × 55mm	
Specimen box capacity	10	
Sending sample centering type	automatically	
power supply	380V/50Hz/5A	
Model JBW-Z	JBW-300Z	JBW-500Z
Price JBW-Z Series	450,000.-	550,000.-
Model JBS-Z	JBS-300Z	JBS-500Z
Price JBS-Z Series	390,000.-	420,000.-

## Low Temperature Automatic Impact Tester Computer Control

JBDW-300Y



JBDS-300Y



Model	JBDW-300Y	JBDW-300Y I
	JBDS-300Y	JBDS-300Y I
Impact Energy	150/300J	
Included Angle of Impact Blade	30°	
Pre-raising Angle of the Pendulum Hammer	150°	
Distance between the Center of the Pendulum Shaft and the Impact Point	750mm	
Impact Speed	5.2m/s	
Span of the Test Sample Support	40mm	
Round Angle of Tong Mouth	R1-1.5mm	
Round Angle of Impact Blade	R2mm,R8mm	
Specification of Test Sample	10mm × 10mm × 55mm	
Capacity of Test Sample Box	20 pieces	
Refrigeration Mode	Compressor	
Low Temperature Range	0~-60°C	0~-80°C
Temperature Control Precision	Fluctuation ±0.5°C Grads: 1 degree	
Over Size	1600 x 850 x 1530mm	
weight	880kg	
Impact test POWER	AC 380V 50Hz	
Model JBDW-Y	JBDW-300Y	JBDW-300Y I
Price	690,000.-	690,000.-
Model JBDS-Y	JBDS-300Y	JBDS-300Y I
Price	590,000.-	690,000.-

# IMPACT TESTING MACHINE

เครื่องทดสอบแรงกระแทก

## JBIC Series Izod & Charpy Impact Tester

**JBIC-5**  
**JBIC-25**



**JBIC-5D**



**JBIC-25D**



## Metal Charpy Impact Testing Machine



**Model: JB-50**

Model	Energy		Speed		Display	control	Price
JBIC-5	Charpy	1J / 2J / 4J / 5J	Charpy	2.9 m/s	Dial Display	Manual	190,000.-
	Izod	1J / 2.75J	Izod	3.5 m/s			
JBIC-5D	Charpy	1J / 2J / 4J / 5J	Charpy	2.9m/s	Digital DRO (LCD)	Auto	255,000.-
	Izod	1J / 2.75J	Izod	3.5 m/s			
JBIC-25	Charpy	7.5J / 15J / 25J	Charpy	3.8 m/s	Dial Display	Manual	220,000.-
	Izod	5.5J / 11J / 22J	Izod	3.5 m/s			
JBIC-25D	Charpy	7.5J / 15J / 25J	Charpy	3.8 m/s	Digital DRO (LCD)	Auto	255,000.-
	Izod	5.5J / 11J / 22J	Izod	3.5 m/s			

Model	JB-50
impact energy	25J、 50J
The distance between the pendulum shaft and impact point	478mm
impact speed	4m/s
Display type	Clock/DRO/Computer
Pre-rising angle of pendulum	135°
Speciment bearer span	40+0.2mm
Round angle of the jaw	R1-1.5mm
Round angle of impact cutting edge	R2.0-2.5mm
Accuracy of angle	10 × 10 × 55mm
Speciment box capacity	Manual by people
Over size	900 x 450 x 340
power supply	380V/50Hz/5A
Price	185,000.-

## DUPONT IMPACT TESTER

**BGD 301**



Main Technical Parameters	BGD-301
Instrument scale Length	50 - 500 mm (grade : 0 mm)
Mass of hammer	300 g, 500g , 1000g
Piercer Specification	φ 1/2 , 1/4 , 1/8 , 1/16 , 3/16 in
Notch Diameter on the Bolster Block	1/2 , 1/4 , 1/8 , 1/16 , 3/16 in
Price	95,000.-

# BALANCE SCALES

เครื่องชั่งละเอียด



## GK-SERIES

เครื่องชั่งน้ำหนักตั้งพื้น ระบบอิเล็กทรอนิกส์ แทนชั่งโครงสร้างเหล็ก ปาครอบสแตนเลส

GK Series	พื้นที่ชั่งน้ำหนัก (cm)	น้ำหนัก	ละเอียด	Price
GK-PB3040	30 x 40 cm	30 kg	1 g	10,500.-
GK-EA4050	40 x 50 cm) LC-L6E	60 / 150 kg	5 / 10 g	11,000.-
GK-PB4050	40 x 50 cm)	60 / 150 kg	5 / 10 g	12,000.-
GK-EA4050	40 x 50 cm) LC-L6G	60 / 150 kg	5 / 10 g	12,000.-
GK-PB5060	50 x 60 cm) LC-L6G	150 / 300 kg	10 / 20 g	12,500.-
GK-LB6080	60 x 80 cm)	300 / 500 kg	50 g	15,500.-
GK-PB8080	80 x 80 cm)	600 kg	100 g	18,500.-
GK-PB1010	100 x 100 cm)	1000 kg	100 g	20,500.-



## AE402-SERIES

เครื่องชั่งน้ำหนักตั้งพื้น ระบบอิเล็กทรอนิกส์ (กันน้ำ)

AE402 Series	พื้นที่ชั่งน้ำหนัก(CM)	น้ำหนัก	ละเอียด	Price
AE402 EAS3040	30 x 40 cm	30 kg	5 g	19,500.-
AE402 EAS3050	40 x 50 cm	150 kg	20 g	21,500.-
AE402 EAS6080	60 x 80 cm	300 kg	50 g	26,500.-

## MODEL: RABBIT

เครื่องชั่งน้ำหนักตั้งพื้น ระบบอิเล็กทรอนิกส์



Model	ประเภท	น้ำหนัก	ละเอียด	Price
RABBIT	หัวอ่าน+แท่น พร้อมอุปกรณ์จับ สำหรับลาก-เข็น	300 kg	50 g	17,000.-
	หัวอ่าน+แท่น พร้อมอุปกรณ์จับ สำหรับลาก-เข็น	600 kg	100 g	17,000.-
	เฉพาะ (แทนชั่ง 800 x 600 mm)			15,000.-

## K-TYPE



Model K-type	พื้นที่ชั่งน้ำหนัก	น้ำหนัก	ละเอียด	Price
K-120W	295 x 390 mm	50 kg	100 g	16,500.-
K-150 W	295 x 390 mm	100 kg	200 g	16,500.-
K-300W	390 x 530 mm	200 kg	500 g	25,000.-
	460 x 610 mm	300 kg	500 g	40,000.-

## เครื่องชั่งน้ำหนักพาเลท

MODEL: TA-A12

Model	ประเภท	น้ำหนัก	ละเอียด	Price
TA-A12	เครื่องชั่งน้ำหนักพาเลท	2000 kg	1 kg	29,500.-



## BALANCE SCALES

เครื่องชั่งน้ำหนักตั้งพื้น ระบบอิเล็กทรอนิกส์

T7E-Series	พื้นที่ชั่งน้ำหนัก (CM)	น้ำหนัก	ละเอียด	Price
T7E-EA3040	ฐานเหล็กโครมสแตนเลส 300 x 400 mm	30 kg	2 g	8,500.-
T7E-EA4050	ฐานเหล็กโครมสแตนเลส 400 x 500 mm LC L6E-100kg	60 / 150 kg	10 / 20 g	9,200.-
T7E-PB4050	ฐานเหล็กโครมสแตนเลส 400 x 500 mm LC L6G-300kg	60 / 150 kg	10 / 20 g	10,300.-
T7E-EA5060	ฐานเหล็กโครมสแตนเลส 500 x 600 mm LC L6G-500kg	300 kg	20 / 50 g	10,500.-
T7E-LB6080	ฐานเหล็กโครมสแตนเลส 600 x 700 mm	500 kg	50 g	13,000.-
T7E-PB6070	ฐานเหล็กโครมสแตนเลส 600 x 800 mm	300 kg	50 g	12,000.-
T7E-LB7080	ฐานเหล็กโครมสแตนเลส 700 x 800 mm LC YT-11B-1,2t	500 kg	50 g	15,000.-
T7E-PB8080	ฐานเหล็กโครมสแตนเลส 800 x 800 mm	500 / 1000 kg	50 / 100 g	15,500.-
T7E-PB1010	ฐานเหล็กโครมสแตนเลส 100 x 100 cm)	1000 kg	100 g	17,000.-
T7E-FM1010	ฐานโลหะ พื้นด้านบนปูเหล็กกล้า 100 x 100 cm	1000 kg	100 g	20,500.-
T7E-FM1212	ฐานโลหะ พื้นด้านบนปูเหล็กกล้า 120 x 120 cm	2000 kg	200 g	22,200.-
T7E-FM1515	ฐานโลหะ พื้นด้านบนปูเหล็กกล้า 150 x 150 cm	3000 kg	500 g	24,800.-

## MODEL: T7E-SERIES

