

Intelligent System

Intelligent Coating Formulation Station

Model: BEVS3230
Intelligent automated formulation preparation
Mobile station system
Remote control laboratory system
Shorten the cycle of coating research and development
High efficiency, effectively reducing labor costs



Intelligent Panel Coating Station

Model: BEVS3226
Real-time data encrypted transmission
Free combination of instruments and equipment
Remote command anytime, anywhere
Get data, analysis and results reporting anytime, anywhere
Compatible with different paints and realizing rapid automatic film application



Intelligent Robotic Coating Station

Model: BEVS3228N
Real time Data encrypted transmission
Testing automatically
System work by remote command
Sharing with intelligent and automated production workshop



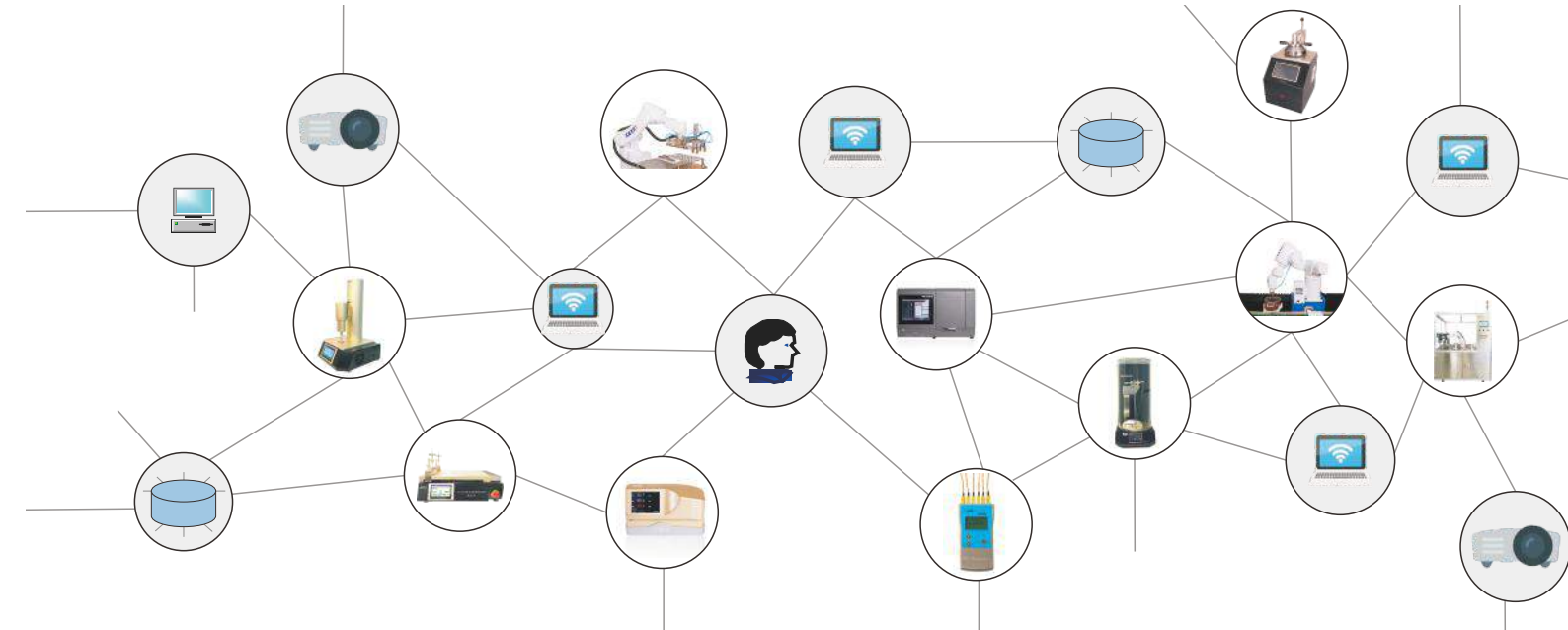
Intelligent Multi-Combined Station

Model: BEVS3288N
The BEVS Intelligent Multi-Combined Station is a combined system based on the BEVS Intelligent station, which has a high grade of integration and scalability. The system realizes intelligent automatic sample preparation and testing of various properties of paint, ink, resin and other related products, from raw material input to product output. The detection efficiency is improved by more than 100%.

Intelligent Coating Formulation Station+ Intelligent Panel Coating Station+ Auto Baking Station+ Auto Inspection Station



Intelligent Robotic Testing and Inspection System Testing Equipment Developer and Manufacturer For Paint, Coating & Ink



2022

Dispersion

Lab Mixer

Model: BEVS2501/S
550W, 30~9000rpm
Manual



Lab Mixer

Model: BEVS2501/1
550W, 30~9000rpm
Manual



Lab Mixer

Model: BEVS2501/2L
750W, 60~6000rpm
Manual



Lab Mixer

Model: BEVS2501/2A
750W, 60~6000rpm
Auto



Lab Mixer

Model: BEVS2501/3A
1100W, 60~5500rpm
Auto



Lab Mixer

Model: BEVS2501/5A
1500W, 60~6000rpm
Auto



Vessel/Tank

Model: BEVS2511
0.5/1.5/3/5/10/20L



Dispersing Disc

Model: BEVS2501
30/40/50/60/80/
100/120/150/200mm



Density / Grinding

Automated Particle Analyzer

Model: BEVS3168
Auto analyze
Measuring Range: 0~200μm



Automatic Drawdown Master

Model: BEVS1821
Support various grind gauges and film applicators



Specific Gravity Cup

Model: BEVS2101/2102
50ml
100ml
83.3ml
Material: Aluminum/Stainless Steel



Pressure Density Cup

Model: BEVS2103
100ml
Material: Stainless Steel



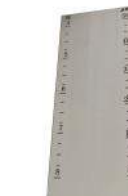
Fineness of Grind Gauge Single Channel

Model: BEVS1903
Range:
0~10 μm
0~15 μm
0~25 μm
0~50 μm
0~100 μm



Fineness of Grind Gauge Double Channel

Model: BEVS1908
Range:
0~25 μm
0~50 μm
0~100 μm



Fineness of Grind Gauge Wide Channel

Model: BEVS1906
Range:
0~25 μm
0~50 μm
0~100 μm



Fineness of Grind Gauge Triple Channel

Model: BEVS1905
Range:
0~25 μm/50 μm/100 μm



Viscosity

Intelligent Krebs Viscometer (Auto)

Model: BEVS1112U
Range:
40~141KU
27~5274CP
32~1099G



Intelligent Krebs Viscometer (Manual)

Model: BEVS1113
Range:
40~141KU
27~5274CP
32~1099G



Intelligent Cone & Plate Viscometer

Model: BEVS1132
Auto Lifting
Speed: 100~1500rpm
Temp.: +5°C~75°C
Cone1: 0~5P
Cone2: 0~10P
Cone3: 0.1~20P
Cone4: 0.1~50P
Cone5: 0.1~100P



Intelligent Rotoviscometer

Model: BEVS1131
Auto Lifting
Spindle1: 0~25P
Spindle2: 0.1~80P
Spindle3: 1~360P



Intelligent Robotic Testing and Inspection System

Testing Equipment Developer and Manufacturer

Afnor Cup

Model: BEVS1118
No. 2: Orifice 2.5mm
No. 4: Orifice 4mm
No. 6: Orifice 6mm



ISO Cup

Model: BEVS1106
No. 3: Orifice 3mm
No. 4: Orifice 4mm
No. 5: Orifice 5mm
No. 6: Orifice 6mm



Cup Stand

Model: BEVS1102
Apply:
Ford Cup
DIN Cup
Afnor Cup
ISO Cup



Frikmar Cup

Model: BEVS1109
No. 2: Orifice 2mm
No. 4: Orifice 4mm
No. 6: Orifice 6mm



Zahn Cup

Model: BEVS1107
No. 1: Orifice 1.92mm
No. 2: Orifice 2.70mm
No. 3: Orifice 3.85mm
No. 4: Orifice 4.40mm
No. 5: Orifice 5.40mm



Iwata Cup

Model: BEVS NK-2
Orifice 3.5mm



Ford Cup

Model: BEVS1101
No. 1: Orifice 2.1mm
No. 2: Orifice 2.8mm
No. 3: Orifice 3.4mm
No. 4: Orifice 4.1mm
No. 5: Orifice 5.8mm



DIN Cup

Model: BEVS1108
No. 2: Orifice 2mm
No. 4: Orifice 4mm
No. 6: Orifice 6mm



Cube Applicator

Model: BEVS1805
Film Width: 16mm or 41mm
Gap:
37.75µm
50,100 µm



Eight Sided Applicator

Model: BEVS1817
Film Width: 60mm
8 gaps:
25,50,75,100,125,150,175,200µm



Bar Coater

Model: BEVS200 or BEVS320
Film Width: 200mm or 320mm
Gap:
4,6,8,10,12,15,20,25,30,40,50,60,
70,80,100,120,150,200 µm



Bar Coater Handle

Model: BEVS200/S
Apply for BEVS200 Bar Coater



Sagging Applicator

Model: BEVS1809
50-275 µm
250-475 µm
450-675 µm
650-875 µm
850-1075 µm
100-500 µm Quadruplex
600-1000 µm Quadruplex



Levelling Applicator

Model: BEVS1810
100-200-300-500-1000 µm
250-500-1000-2000-4000 µm



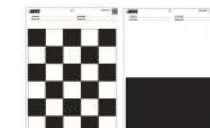
Payne Permeability Cup

Model: BEVS1122
Exposed area: 25cm² or 10cm²



Hiding Power Chart

Model: BEVS2902
250X180mm
500 pcs/box
Half white and half black
Black and white chequer



Application of Film

Automatic Film Applicator

Model: BEVS1811/1 Glass Plate
Speed: 10~140mm/s or 50~300mm/s
Stroke Length: 380mm(Max.)



Automatic Film Applicator

Model: BEVS1811/2 Vacuum Plate
Speed: 10~140mm/s or 50~300mm/s
Stroke Length: 380mm(Max.)



Automatic Film Applicator

Model: BEVS1811/3 Vacuum/Heating Plate
Speed: 10~140mm/s or 50~300mm/s
Stroke Length: 380mm(Max.)
Temperature: +5°C~+150°C



Automatic Film Applicator

Model: BEVS1811GV Glass&Vacuum Plate
Speed: 1~350mm/s
Stroke Length: 380mm(Max.)



Min Auto Film Applicator

Model: BEVS1818G Glass Plate
Speed: 1~200mm/s
Stroke Length: 250mm(Max.)



Min Auto Film Applicator

Model: BEVS1818V Vacuum Plate
Speed: 1~200mm/s
Stroke Length: 250mm(Max.)



Min Auto Film Applicator

Model: BEVS1818H Vacuum/Heating Plate
Speed: 1~200mm/s
Stroke Length: 250mm(Max.)
Temperature: +5°C~+150°C



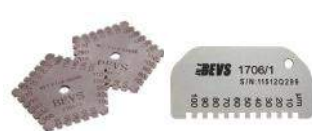
Min Auto Film Applicator

Model: BEVS1818S Glass Plate
This Glass Plate can not change to Vacuum Plate.
Speed: 1~200mm/s
Stroke Length: 240mm(Max.)



Wet Film Gauge

Model: BEVS1701 20~350µm/25~2700µm
BEVS1706 10~100µm



Wet Film Gauge(Aluminum)

Model: BEVS1701/3
25~2000µm



Wet Film Thickness Wheel

Model: BEVS1702
0~25 µm
0~50 µm
0~100µm
0~200µm
0~300µm
0~500µm
0~1000µm



Paint Inspection Gauge

Model: BEVS1707
Range:
45° : 20~1800 µm
63.4° : 10~900 µm
84.3° : 2~180 µm



Curing / Drying

Dry Time Recorder

Model: BEVS1813
6 Tracks
Drawdown function



Dry Time Recorder

Model: BEVS1815
10 Tracks



Oven Loggermaster

Model: BEVS2301
6 Channels
100°C
300°C
500°C
800°C
Different Probes



Isolation Box

Temperature
100°C, 250°C, 300°C, 500°C, 800°C



Gloss

Bench Glossmeter

Model: BEVS1506
Angle: 60°
Range: 0~2000GU
Measurement Area: 2X2mm



Intelligent Glossmeter

Model: BEVS1503
Touch Screen
Powerful Function
Angle: 20°, 60°, 85°
Range: 0~2000GU



Glossmeter 60°

Model: BEVS1501U
Angle: 60°
Range: 0~1000GU



Adhesion

Cross Hatch Cutter

Model: BEVS2202
8 Cutters Edges
Space: 1mm, 1.5mm, 2mm, 3mm



Cross Hatch Basic Cutter

Model: BEVS2206
Single Blade
The cutter holder can rotate by ± 8°
Space: 1mm, 1.5mm, 2mm, 3mm



Multi Hatch Gauge

Model: BEVS2203
Adhesion
Wet Film Thickness
Cross Cut



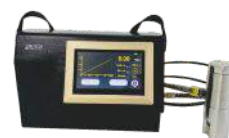
Hatch Gauge

Model: BEVS2203C
Adhesion
"T" Window



Automatic Pull Off Adhesion Tester

Model: BEVS2201
Dolly Dia.: 10, 14, 20, 50mm



Automatic Bond Strength Tester

Model: BEVS2209
Pulling Speed: 0.2~0.4Mpa/s Adjustable



Multifunction Coating Performance Tester

Model: BEVS2205
5 Functions in 1:
Cross Cut
X Cut
Scratch Test
Pencil Hardness
Linear Abrasion



Automatic Cross Cutting Tester

Model: BEVS2211
Loading: 1~50N Adjustable
Cutting Angle: 0~90° Adjustable
Number of grids: 1~11



Adhesion Tester Verifier

Model: BEVS2201ATV
Display real-time readings
Range: 0~100Mpa



Color

Color Assessment Cabinet

Model: BEVS1201/S
Lamps: D65, TL84, CWF, F, UV



Color Assessment Cabinet

Model: BEVS1201/6
Lamps: D65, TL84, CWF, F, UV, U30



Automatic Color Measurement Machine

Model: BEVS3212
Non-contact measurement



Deformation

Cylindrical Mandrel Bend Tester

Model: BEVS1603
Max. sample width: 70mm



Cylindrical Mandrel Bend Tester

Model: BEVS1603A
Max. sample width: 100mm



Conical Mandrel Bending Tester

Model: BEVS1605
Max. Sample Size: 200X100mm



Auto Cupping Tester

Model: BEVS1606
Camera System
Max. Cupping Force: 15KN



Impact Tester

Model: BEVS1601
ASTM D2794
DIN55669
ISO6272
GB/T 1732



Automatic Cylindrical Bend Tester

Model: BEVS1608
ASTM D2794
DIN55669
Speed: 10~60 rpm
Substrate Thickness: 0.3~1mm



Hardness

Pencil Hardness Tester

Model: BEVS1301
Loading: 500g, 750g, 1000g
With a set of Mitsubishi Pencil



Electric Pencil Hardness Tester

Model: BEVS1309
Adjustable Loading: 500~1000g
With a set of Mitsubishi Pencil



Buchholz Indentation Tester

Model: BEVS1303



Intelligent Pendulum Hardness Tester

Model: BEVS1306
Auto Lift
P&K Pendulums



Pencil Hardness Test Platform



Model: BEVS1321
Min. Substrate Size: 50x50mm
Max. Substrate Size: 150x150mm
Substrate Thickness: 0-5mm

Abrasion, Scrub / Washability

Wet Abrasion Scrub Tester Two Channels

Model: BEVS2810
Speed: 10~40 Cycles/Min
Brush: 1~2 pcs



Wet Abrasion Scrub Tester Four Channels

Model: BEVS2806
Speed: 1~60 Cycles/Min
Brush: 1~4pcs



Detergent Washability Tester

Model: BEVS2809
Speed: 37±1 Cycles/Min



Automatic Heating Abrasion Tester

Model: BEVS1307
Temperature: Ambient~300
Stroke Length: 30mm, 60mm, 90mm



Coin Scratch Tester

Model: BEVS1305
Coin tip pressure: 1000g
Coin tip pressure with extra weight: 1500g



Scratch Tester

Model: BEVS2801
Speed: 30~40mm/sec
Stroke Length: 65mm



Linear Abraser

Model: BEVS2803
Speed: 20~99 Cycles/Min



Corrosion

Intelligent Multifunctional Salt Spray Tester

Model: BEVS3310

