

## 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



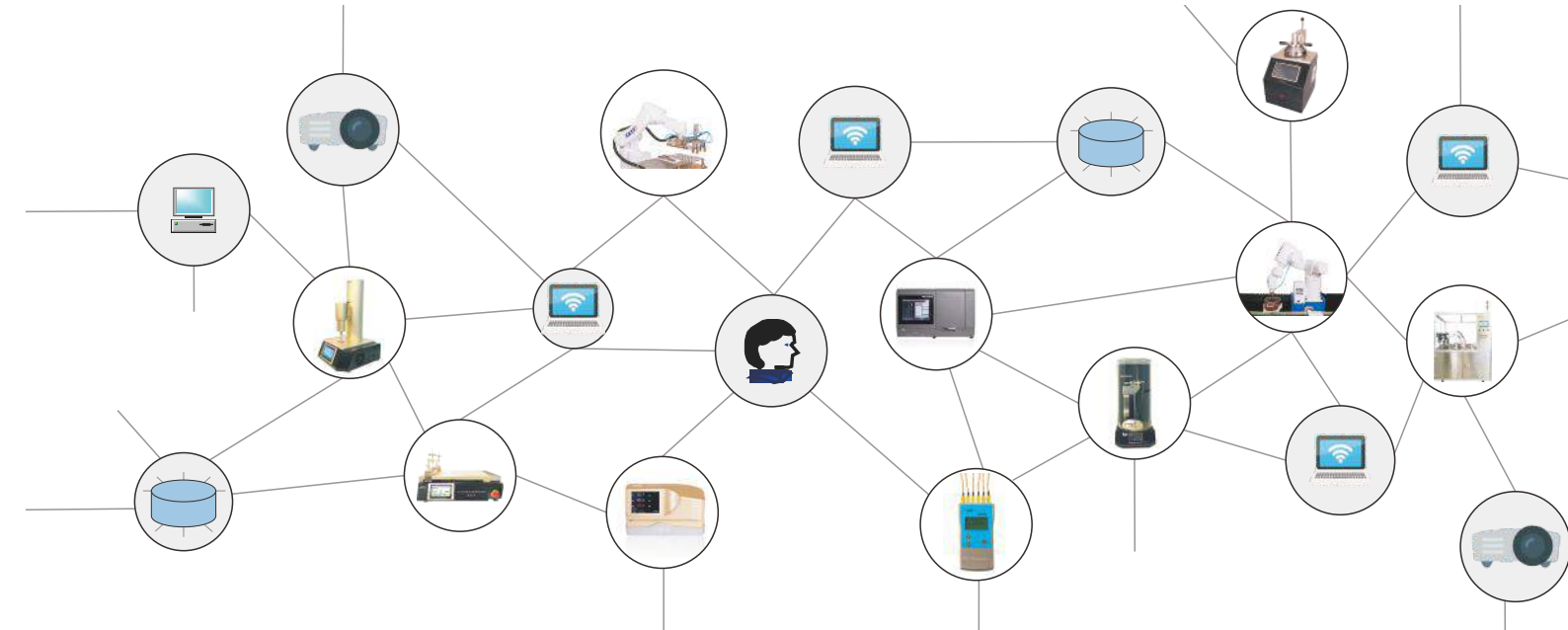
### Intelligent Multi-Combined Station

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



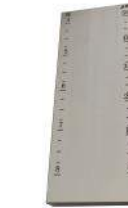
### Fineness of Grind Gauge Single Channel

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: 25cm<sup>2</sup> or 10cm<sup>2</sup>



### 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



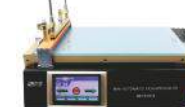
### Automatic Film Applicator

Model: BEVS1811GV Glass&Vacuum Plate  
Speed: 1~500mm/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.)



### Adjustable Applicator

BEVS1806A With Diversion Baffle  
BEVS1806B Without Diversion Baffle  
BEVS1806E With Diversion Baffle (Digital)  
BEVS1806F Without Diversion Baffle (Digital)  
Film Width: 50,100,150,200,250,300mm  
Gap: 0~3500 µm



### Automatic Sprayer Station

Model: BEVS3231  
Programmable automatic spraying  
Quick change of coating, no cleaning  
Max. spray speed: 500mm/s  
Max. sample size: 500 X 500mm



### Automatic Panel Sprayer

Model: BEVS1828



### EXP Automatic Panel Sprayer

Model: BEVS1829  
Explosion-proof



### Single Sided Applicator

Model: BEVS1801  
Film Width: 50mm or 75mm  
Gap: 50,75,100,125,150,200 µm



### Two Sided Applicator

Model: BEVS1802  
Film Width: 80mm  
Gap: 25,50  
75,100  
150,200  
300,400  
Unit: µm



### Four Sided Applicator

Model: BEVS1803  
Film Width: 60mm or 80mm  
Gap: 5,10,15,20  
25,50,75,100  
30,60,90,120  
50,100,150,200  
100,200,300,400  
300,400,500,600  
Unit: µm



### Four Sided Applicator With Reservoir

Model: BEVS1819  
Film Width: 60mm or 80mm  
Gap: 30,60,90,120  
50,100,150,200  
Unit: µm



### 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



## 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



## 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



### Coin Scratch Tester

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



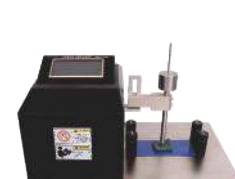
### Scratch Tester

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



### Linear Abraser

Model: BEVS2803  
Speed: 20~99 Cycles/Min



## 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



### Automatic Cylindrical Bend Tester

Model: BEVS1608  
ASTM D2794  
DIN55569  
Speed: 10~60 rpm  
Substrate Thickness: 0.3~1mm



## Corrosion

### Intelligent Multifunctional Salt Spray Tester

Model: BEVS3310

