

MIDORI ANZEN

M
ミドリ安全
MIDORI ANZEN
THAILAND



NO.1 SAFETY SHOES IN JAPAN

Products For Safety, Health And Comfortable Workplace

UG3 SERIES

UG3695 BLACK



Steel Plate

ESD SAFETY SHOES STEEL TOE CAP

JIS T8103 Standard U Type JIS

Toe Cap	Wide Steel Toe Cap 200 J
Upper	Artificial Leather
Sole	Dual Density PU Sole
Midsole	Steel Plate
Insole	3D EVA Cup Insole
Size	22.0-28.0, 29.0, 30.0 cm (EEE)
Standard Weight	990g / pair (Reference Size 26 cm)
ESD Value	$1.0 \times 10^5 \leq R \leq 10^8$



ESD SAFETY SHOES STEEL TOE CAP

JIS T8103 Standard U Type JIS

Toe Cap	Wide Steel Toe Cap 200 J
Upper	Artificial Leather
Sole	Dual Density PU Sole
Insole	3D EVA Cup Insole
Size	22.0-28.0, 29.0, 30.0 cm (EEE)
Standard Weight	880g / pair (Reference Size 26 cm)
ESD Value	$1.0 \times 10^5 \leq R \leq 10^8$



UG3695 NAVY



UG3695 WHITE



ACF SERIES

ESD SAFETY SHOES STEEL TOE CAP JIS CE

ACF211



ACF210



ACF200



CE Standard EN: ISO 20345:2011/ JIS T8101 Standard

Toe Cap	Wide Steel Toe Cap 200 J
Upper	Authentic Leather
Sole	(Light Embossed Leather)
	Dual Density PU Sole
	(Slip Resistant)
Size	22.0-28.0, 29.0, 30.0cm (EEE)
Standard Weight	950g/pair (Reference size 26cm)
ESD Value	$1.0 \times 10^5 \leq R \leq 10^9$

ACF220



CE Standard EN: ISO 20345:2011/ JIS T8101 Standard

Toe Cap	Wide Steel Toe Cap 200 J
Upper	Authentic Leather
	(Light Embossed Leather)
Sole	Dual Density PU Sole
	(Slip Resistant)
Size	23.5-28.0, 29.0, 30.0cm (EEE)
Standard Weight	1,100g/pair (Reference Size 26cm)
ESD Value	$1.0 \times 10^5 \leq R \leq 10^9$



SIZE CONVERSION CHART

Midori Size (cm.)	22	22.5	23	23.5	24	24.5	25	25.5	26	26.5	27	27.5	28	29	30
Euro	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49
UK	3	3.5	4	5	5.5	6	6.5	7	8	8.5	9	9.5	10	11.5	12.5

AG3 SERIES

ESD SAFETY SHOES RESIN TOE CAP JIS

JIS T8103 Standard Class S Safety Sneaker

Toe Cap
Upper
Sole
Size
Standard Weight
ESD Value

Wide Resin Toe Cap 70J
Artificial Leather
Dual Density PU Sole
22.0-28.0, 29.0, 30.0 cm (EEE)
750g / pair (Reference Size 26 cm)
 $1.0 \times 10^5 \leq R \leq 10^8$



AG3590 NAVY



NAVY

AG3595 NAVY



NAVY

AG3595 WHITE



WHITE

MPN305S

ESD SAFETY SHOES RESIN TOE CAP JSAA

JSAA Standard Class A Protective Sneaker

Toe Cap
Upper
Sole
Size
Standard Weight
ESD Value

Wide Resin Toe Cap 70J
Artificial Leather
EVA Synthetic Rubber
22.0-28.0, 29.0, 30.0 cm (EEE)
800g / pair (Reference Size 26 cm)
 $1.0 \times 10^5 \leq R \leq 10^8$



MSZ090

RESIN TOE CAP JSAA

JSAA Standard Class A Protective Sneaker

Toe Cap
Upper
Sole
Size
Standard Weight

Wide Resin Toe Cap 70J
Artificial Leather
Dual Density PU Sole
22.0-28.0, 29.0 cm (EEE)
780g / pair (Reference Size 26 cm)



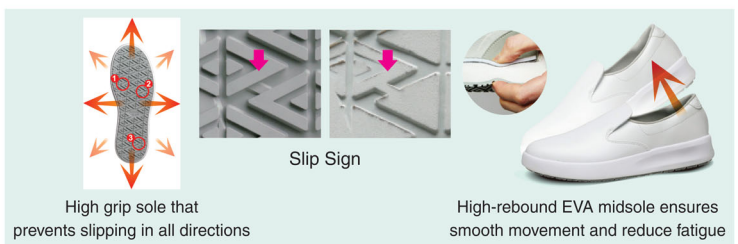
NHF-600 HiGRIP THE 4th

RESTAURANT & HOTEL INDUSTRY JSAA

JSAA Standard Class A Protective Sneaker

Toe Cap
Upper
Sole
Size
Standard Weight

Wide Resin Toe Cap 70J
Artificial Leather
EVA Foam / Synthetic Rubber
22.0-28.0, 29.0 cm, 30.0 cm (EEE)
610g / pair (Reference Size 26 cm)



MES-400 QUICK AND EASY CHECKING ESD SHOES AND WRIST STRAP CHECKER



ONLY STAND AND TOUCH

- Individually checks each ESD shoe
- Adjustable upper and lower threshold limits
- Checks ESD shoes and wrist straps simultaneously or separately
- Free software for displaying measurement data on a computer

Measure Resistance Level	Shoe High Limit 0.1MΩ/ 1MΩ (Option 35MΩ) Shoe Low Limit 0.1MΩ/ 1MΩ (Option 0.75MΩ) Wrist High Limit 10MΩ / Wrist Low Limit 0.75MΩ
Measurement Level System	Less than 100MΩ ± 10% / over 100MΩ ± 20%
Measuring MAX Current	Lower : 25μA Shoes Mode : Left side → Right side
Power Supply	AC Adapter (DC6V) Display LED
Dimension	Measurement part : 200mm x 130mm x 40mm Dual electrode plate: 350mm x 160mm x 35mm
Connection	USB B type : Transfer Data into Windows PC ※ Download software from website *Wrist Strap : Sold Separately (Optional)

ELEPASS SERIES

ELEPASS COOL N

WHITE



GRAY



Upper
Sole
Size
Standard Weight
ESD value

Artificial Leather
Polyurethane Foam
22.0 - 28.0, 29.0, 30.0 cm.
440g/pair (Reference size 26 cm.)
 $1.0 \times 10^5 \leq R \leq 1.0 \times 10^8$



ELEPASS COOL LIGHT N

WHITE



GRAY



Upper
Sole
Size
Standard Weight
ESD Value

Artificial Leather
Polyurethane Foam
S / M / L / LL / LLL
420 g. / pair (Reference size L)
 $1.0 \times 10^5 \leq R \leq 1.0 \times 10^8$

S	M	L	LL	LLL
23.5-24	24.5-25	25.5-26	26.5-27	27.5-28

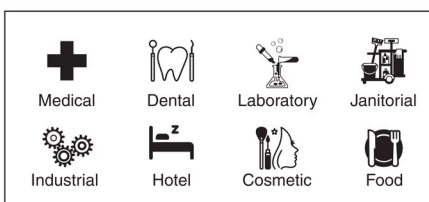
NITRILE GLOVES



- ✓ Powder Free
- ✓ Oil Resistance
- ✓ Chemical Resistance

- ✓ Perfect Fit
- ✓ Anti - Slip

STANDARD



Material	100% Nitrile
Thickness	6.3mil (0.16mm.)
Size	S / M / L
Color	Blue
Package	100pcs/box (50 pairs)

FOOTWEAR ACCESSORIES



INSTEP PRO FOR SNEAKER

Material	Size	Color
Resin / Artificial Leather	M, L, LL	Navy / White

INSTEP E BLACK FOR ACF

Material	Size	Color
Aluminium	M, L	Black



ACF CUP INSOLE

Material	Size	Color
EVA	22.0-30.0	Yellow

SAFETY HELMET

SC-MB RA KP

windflow.



SC-11PCLV RA KP

windflow.



SC-19PCLVS RA3 a

windflow.



windflow.

NEW OPTION!

- *Excellent Ventilation
- *Light Weight
- *Wider
- *Changeable Face Shield



BUMP CAP FOR LIGHT INDUSTRY

SCL-200A



FLATMET 2



HELMET ACCESSORIES

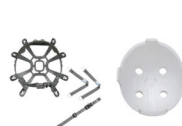
INNER CAP



PAPER CAP



INNER SET



HELMET HANGER



LOGISTICS

- ✓ No More Stretch Film!
- ✓ Reusable Pallet Cover
- ✓ Washable
- ✓ Reduce Waste Less CO2
- ✓ Minimize Working Time
- ✓ Fits Any Shape



Reusable Wrap

Size	75 cm x 320 cm
Material	Polyester, PU



Reusable Pallet Cover

Size	90 cm x 150 cm
Material	Nylon, PU



SAFETY SHOES FOR LOGISTICS WAREHOUSE



MPN-305S

Material: Artificial Leather / Mesh
Toecap: 70J
Weight: 800g.
Size: 22.0 - 28.0, 29.0, 30.0cm (EEE)
Standard: JSAA



QL-15

Material: Artificial Leather / Mesh
Toecap: 70J
Weight: 800g.
Size: 22.0 - 28.0, 29.0, 30.0cm (EEE)
Standard: JSAA



PF-117 B0A

Material: Artificial Leather / Mesh
Toecap: 70J
Weight: 850g.
Size: 22.0 - 28.0, 29.0, 30.0cm (EEE)
Standard: JSAA



MPN-305S

Material: Artificial Leather / Mesh
Toecap: 70J
Weight: 800g.
Size: 22.0 - 28.0, 29.0, 30.0cm (EEE)
Standard: JSAA



QL-01

Material: Artificial Leather / Mesh
Toecap: 70J
Weight: 750g.
Size: 22.0 - 28.0, 29.0, 30.0cm (EEE)
Standard: JSAA



G3690

Material: Artificial Leather / Mesh
Toecap: 70J
Weight: 780g.
Size: 22.0 - 28.0, 29.0, 30.0cm (EEE)
Standard: JSAA

WORK ASSIST PANTS



Material: 65% polyester, 35% cotton
Color: ● Khaki ● Navy ● Black

SIZE/CM.	Waist	Hip	Inseam
No.7	58-64	98	80
No.9	62-68	103	80
No.11	66-72	108	80
No.13	72-78	113	80
No.15	78-84	118	80
No.17	84-90	123	80

VERDEXCEL® FLEX



POLO SHIRT



Quick Dry



Soft Touch



Pilling Prevention



High Durability

Size: S, M, L, XL

Material: 65% polyester, 35% cotton

Color: ● Khaki ● White ● Blue ● Navy ● Gray

CONSTRUCTION (SAFETY BELT/HARNESS)



Maximum Arrest Force 130 kg

FULL BODY MESH HARNESS MHF-790N

Shoulder belt Width 45mm, Polyester
Chest Buckle One touch aluminum buckle
Chest belt Width 45mm, Nylon
D-Rings Steel
Shape Back X type • Thighs V type

Approximate weight
790G

※M size without lanyard

One Touch Buckle



SAFETY BELT



Maximum Arrest Force 100 kg



MSK-700L

Buckle	Weight	Color	Size	
Aluminum made slide	850g	Blue Yellow Black	Belt	W 50mm x L 1200mm
			Lanyard	W 17mm x L 1150mm



MFD-500L-10L

Buckle	Weight	Color	Size	
One-touch	850g	Blue Yellow Black	Belt	W 50mm x L 1200mm
			Retractable Lanyard	W 15mm x L 1400mm
			Elastic Lanyard	W 32mm x L 800-850mm



MSK-501L

Buckle	Weight	Color	Size	
One-touch	170g	Blue Yellow Black	Belt	W 50mm x L 1200mm
			Retractable Lanyard	W 17mm x L 1150mm
			Elastic Lanyard	W 27mm x L 1250mm

Rubbertec® RT712N

ESD RESIN TOE CAP

JIS T8103

Toe Cap Wide Resin Toe Cap 70J
Upper Authentic Leather
Sole Dual Density Rubber Sole
Size 23.5-28.0, 29.0, 30.0cm (EEE)
Standard Weight 950g / pair (Reference Size 26 cm)
ESD Value $1.0 \times 10^5 \leq R \leq 10^8$



JIS



Polyurethane (PU)

Rubbertec®

CUT GUARD GLOVES

Cut Guard

- Cut Level 3
- 13G
- Tsunooga
- PU Coating



130



130B



130B Long



Cut Guard CB130

- Cut Level 5
- 15G
- Tsunooga
- Nitrile Coating

SAFETY GLASSES

JIS

ANSI

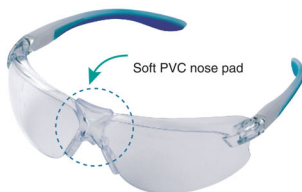
JIS/ANSI standard

UV CUT

UV CUT

Double-Sided Anti-Fog

Double-Sided Anti-Fog



Soft PVC nose pad



Soft cushion temple

CHANGABLE LENS



Non-coating

Coating

Material	PC, Nylon, PVC Lens PC (Double sides anti-fog coating)
Weight	37g

Material	PC, Elastomer, Soft PVC (nose pad) Lens PC (Double sides anti-fog coating)
Weight	28g

Material	PC, Elastomer, Lens PC (Double sides anti-fog coating)
Weight	50g



Light Weight



Angle Adjustable Temple



Soft Temple



Adjustable Nose Pad



Light Weight



Angle Adjustable Temple



Soft Temple



Over-The-Glasses

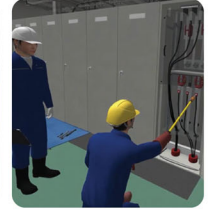
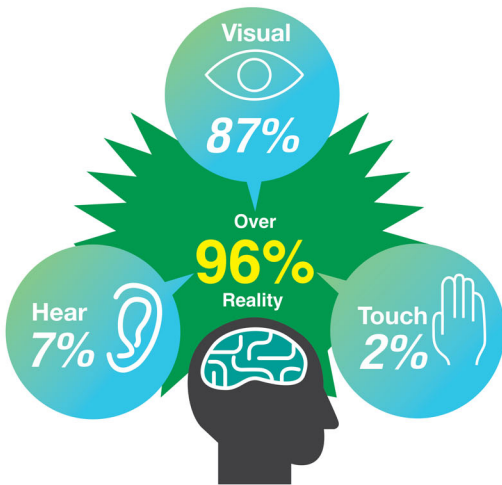


Metal Free

VR RiMM (Risk Management Method)

ACCIDENT EXPERIENCE

Enhance Your Staff's Safety Consciousness



LEARN

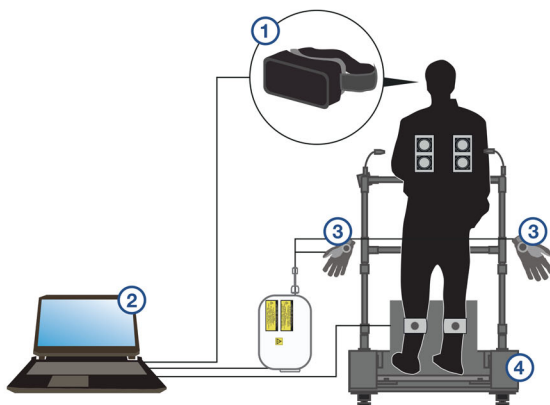
MORE
CONSCIOUSNESS

DISCOVER

PRACTICE

IMPROVE
SKILL

KNOWLEDGE
SHARING



VR RiMM SET



EASY TO USE



1. Wear gloves

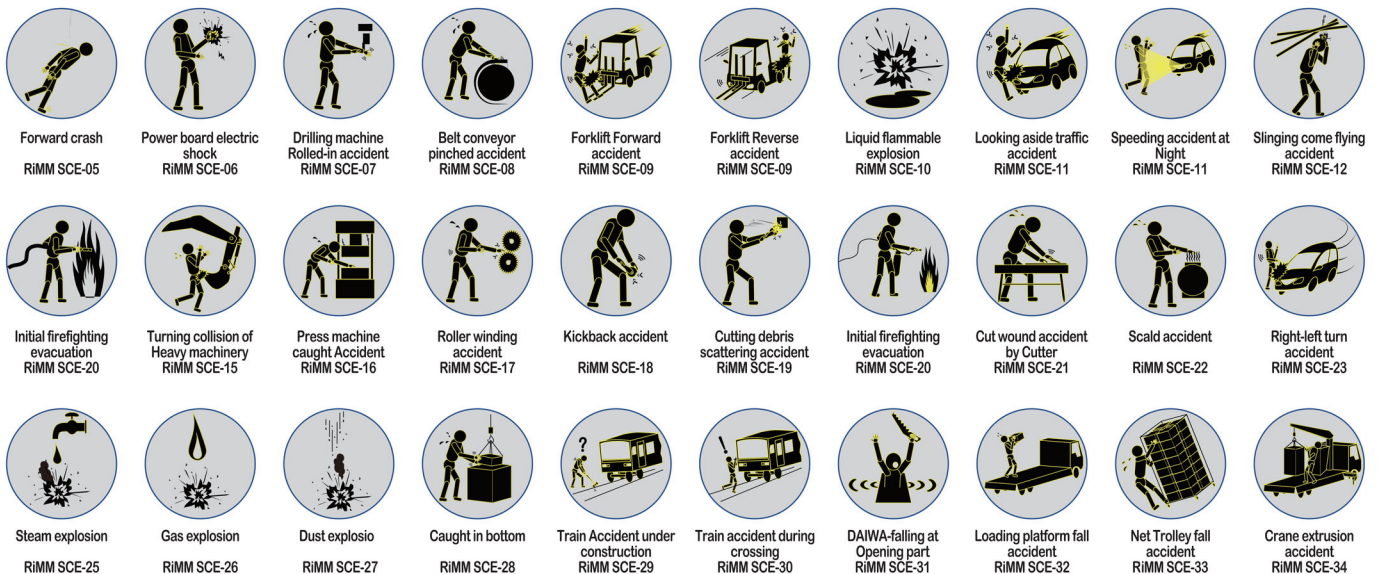


2. Wearing VR goggles



3. Push button

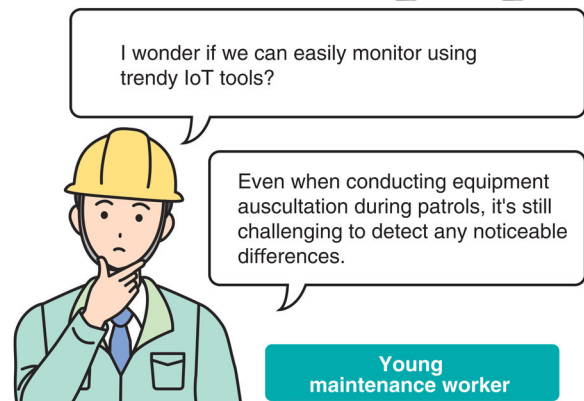
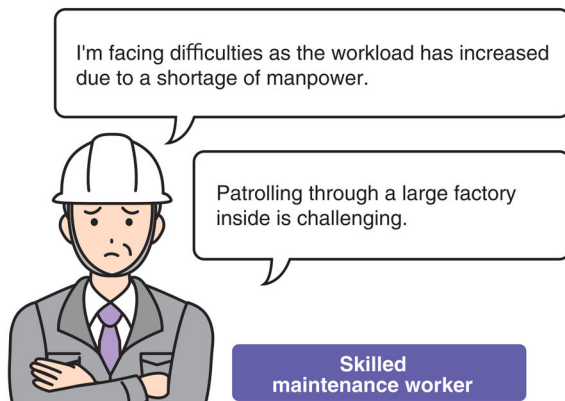
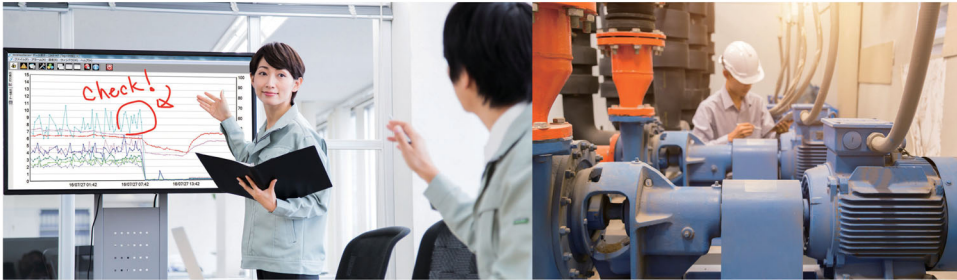
MORE THAN 100 SCENARIOS



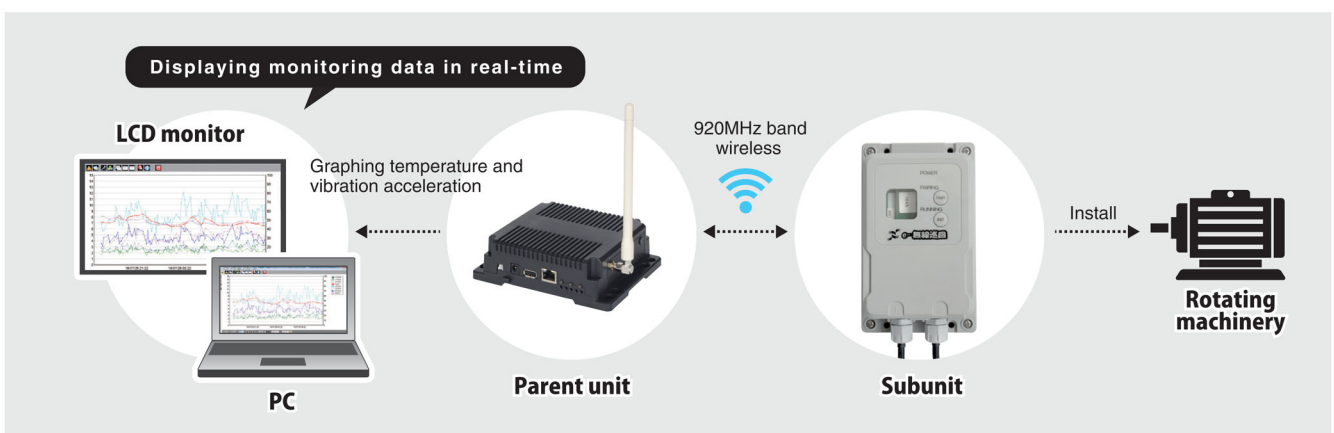
E-FUJIYAMA

FACILITY MONITORING SYSTEM

e-無線巡回



Examples of system installation



Subunit sensors measure temperature and vibration acceleration, transmitting data to the main unit wirelessly using the 920MHz band.

Check and monitor the measurement value graphs displayed on LCD monitor or PC.

Target equipment

Compressor, Separating equipment, Air conditioning equipment, C leaning machine, Hydraulic pump, Rotating equipment, electric motor, and others.

OIL MIST COLLECTOR

CLEAN WONDER WR SEIRES

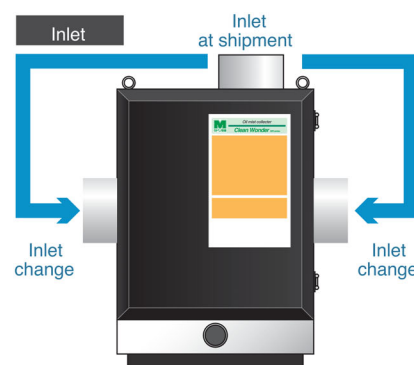
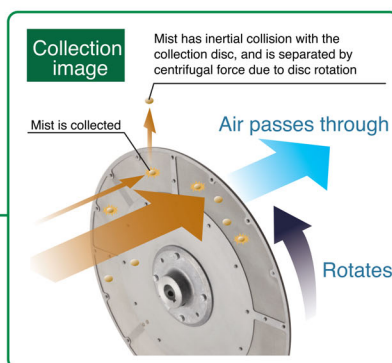
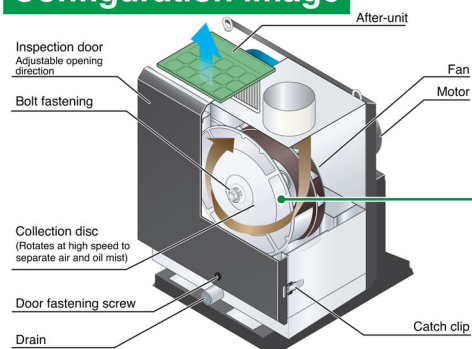
High-speed Rotating Disc Centrifugation

High-speed Rotating Disc Centrifugation

A rotating disc is mounted on the collection part to collect oil mist through inertial collision and centrifugation. In addition, the self-cleaning action of the disc by centrifugal force alleviates the problem of reduced air volume due to clogging compared to the filter method, and maintains performance for prolonged periods. (Efficiently collects particles of 1 μ m or more)



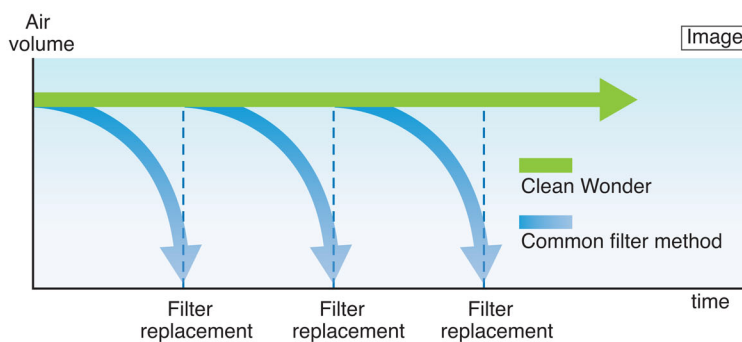
Configuration image



No Filter Replacement Required

Because the equipment is filter-free, there is less clogging and air volume is maintained. The disc can be reused simply by cleaning, therefore there is no waste, making the equipment environmentally-friendly.

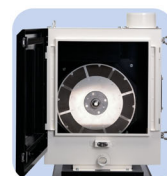
A typical filter method leads to a reduction in air volume over time, as well as a decrease in collection capability. The centrifugal Clean Wonder is less susceptible to clogging due to self-cleaning, so there is little reduction in air volume, long-term collection capacity, and less maintenance work.



Specification

Model	WR-054-J	WR-104-J	WR-204-J
Power supply	Three-phase 200V AC 10% 50/60Hz		
Maximum air volume (50/60 Hz)	4.6/5.4m ³ /min	7.3/8.6m ³ /min	13/15m ³ /min
Maximum external static pressure (50/60 Hz)	0.8/1.1kPa	1.1/1.5kPa	1.2/1.7kPa
Collection method	High-speed rotating disc centrifugation		
Collection efficiency	99% (Water soluble mist)		
Motor output	0.4kW 2P	0.75 kW 2P (IE3 high efficiency motor)	1.5 kW 2P (IE3 high efficiency motor)
Temperature and humidity of service environment	0°C to 40°C. RH 90% or less (indoor specifications)		
Temperature of intake gas	0°C~50°C		
Collection target	Can be used for both oil-based and water-soluble oil mist (No collection of first and second petroleum products) (However, may not be possible to use depending on the oil mist generated)		
Maximum density at inlet	50 mg/m ³ or less		
Inlet	Φ 98mm	Φ 123mm	Φ 148mm
Noise (50/60 Hz)	66/80dB [A]	69/73dB[A]	71/75dB[A]
Weight	34kg	44kg	62kg
Drain	Rp1" socket		
Collection disc outer diameter	Φ 280	Φ 330	Φ 360
Paint color	Munsell No. 5Y9/0.5 (housing)/Munsell No. 0 (door, mortar base)		
Other	CE and RoHS compatible		

Easy Maintenance



1. Open the inspection door



2. Air blow cleaning

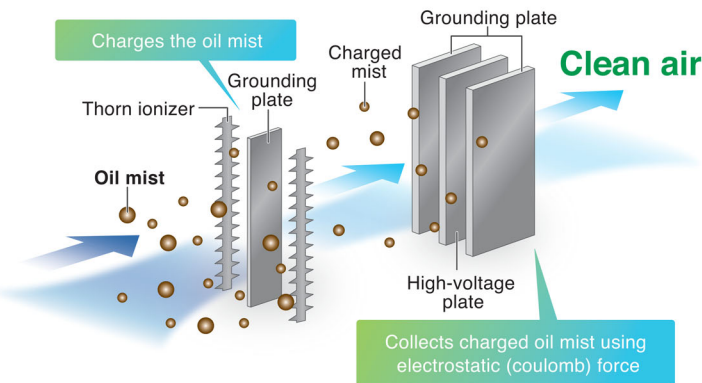
OIL MIST COLLECTOR

M-CLEAN MCH-15

Power supply	Three-phase 200V AC $\pm 10\%$ 50/60Hz
Related air volume	15m ³ /min
External static pressure (50/60 Hz)	180*/900Pa*2
Collection method	Two-stage type electrostatic mist collection
Collection efficiency	99.5% (weight ratio with filter paper)
Power consumption (50/60 Hz)	410 [±] 900W ²
Current Value (50/60 Hz)	2.1 ³ /4.5A ²
Motor output	0.75 kW/2 pole (inverter control)
Maximum density at inlet	200mg/m ³
Temperature and humidity of service environment	0°C to 40°C, RH 90% or less
Temperature of intake gas	0°C~40°C.
Collection target	Can be used for both oil-based and water-soluble oil mist (No collection of first and second petroleum products) (However, may not be possible to use depending on the oil mist generated)
Noise	65dB[A] ^{1,2}
Weight	71kg
Drain	Rp1" socket
Paint color	Munsell No. 5Y9/0.5 (housing)/Munsell No. 0 (door, motor base)

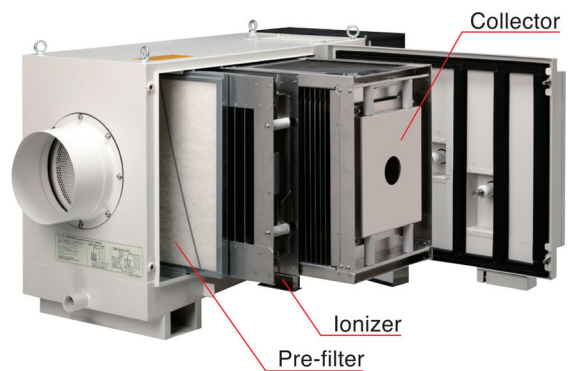
*1: At 15m³/min, inverter output frequency is 39.5 Hz (at the time of factory shipment)

*2: At 15m³/min, inverter output frequency is 60 Hz (maximum)

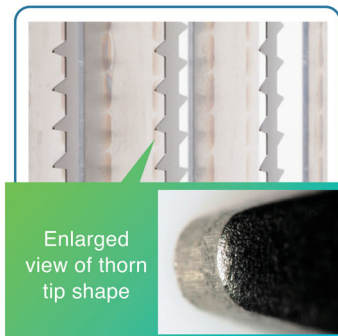


Electrostatic Collector for Oil-based and Water-soluble Oil Mist

Collects oil mist (oil-based and water-soluble) with high efficiency and low-pressure loss using a collector equipped with a thorn ionizer and semi-insulated plastic shaft

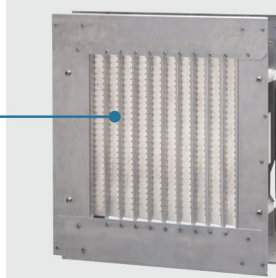


Ionizer Features



The discharge electrode material is made of pure titanium with excellent durability. The thorn tip shape is optimized to achieve high efficiency.

New thorn ionizer



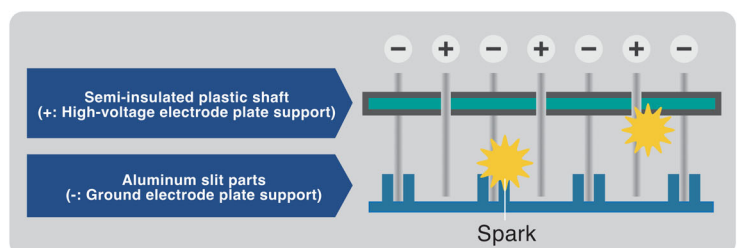
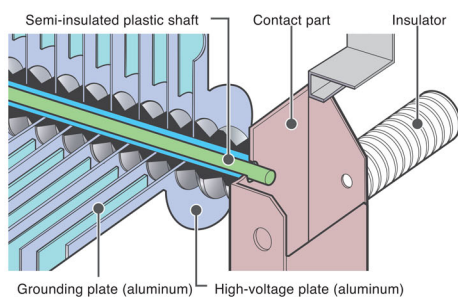
Conventional ionization line method ionizer



Sparkless Technology

Stable dust collection performance by adopting semi-insulated plastic shaft!

"Sparkless" is achieved by adopting a semi-insulated plastic shaft structure for the high voltage supply of the collector. It is less likely to leak current or generate sparks, resulting in high efficiency and stable dust collection performance.



*Structural image

MIDORI FACTORIES IN ASIA



MIDORI ANZEN (THAILAND) CO., LTD

1788 Singha Complex Building 33th Floor
Unit 3301,3313-3314, New Petchaburi Road,
Kwaeng Bangkokpi , Khet Huaikwang, Bangkok 10310

Tel : +662-651-9799 Fax : +662-651-9797

www.midorianzenthailand.com
Midori Anzen Safety Shoes TH
midorianzen_th
Midori anzen (Thailand)
มิโดริ อันเซน ไทยแลนด์



@midorianzenth



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