

# Conductive Anti-Fatigue Mat No. AF-45

EDP No. 621489

## Space-saving type now available!



### Alleviate fatigue caused by standing for a long time



#### Fatigue Reduction

Air pockets on the reverse side spread the load to alleviate fatigue.

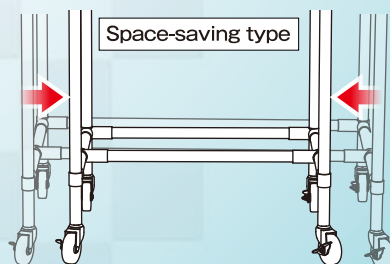


#### Fall Prevention

The inclined marginal area prevents workers from stumbling or falling. (AF-45 only)



Good for space-saving type of cell production table



#### Applications

Cell production table; Standing assembly work; Conveyor line with multiple workers, and so on.

**RoHS**

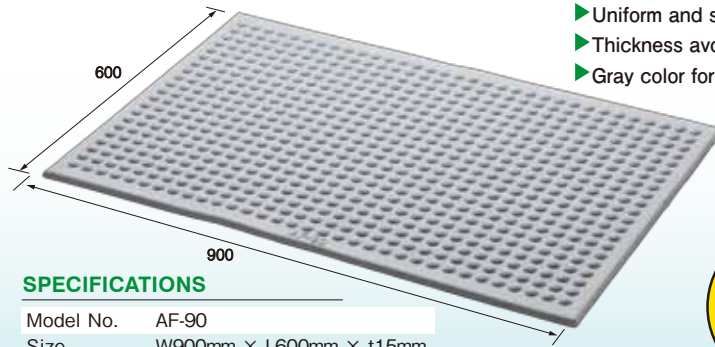
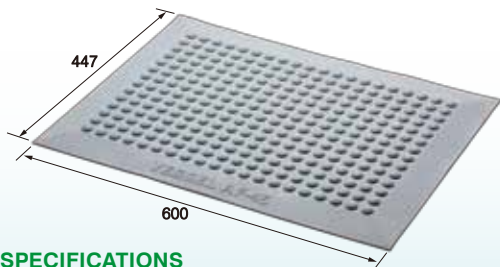
**STAT·CLEAN**  
series

## This conductive mat can be used on the ESD preventive floor.

*New*  
No. **AF-45** EDP No. 621489

No. **AF-90** EDP No. 621488

Conductivity rating :  $R \leq 1.0 \times 10^9 \Omega$



- ▶ For indoor use only
- ▶ Uniform and stable conductive performance
- ▶ Thickness avoids warping
- ▶ Gray color for easy maintenance

※Grounding wire is not attached.

### SPECIFICATIONS

Model No.	AF-45
Size	W600mm × L447mm × t15mm
Color	Gray
Conductivity	$R \leq 1.0 \times 10^9 \Omega$
Weight	2.0kg
Material	NBR

### SPECIFICATIONS

Model No.	AF-90
Size	W900mm × L600mm × t15mm
Color	Gray
Conductivity	$R \leq 1.0 \times 10^9 \Omega$
Weight	4.2kg
Material	NBR



**EPA RoHS**

## EPA Working Mat Conductive Rubber Mat

Controlling electro conductivity between  $10^6$  and  $10^7 \Omega$  without influence from the working environment. Ideal for workbenches requiring static electricity measures.



- ▶ Uniform and stable conductive performance
- ▶ Matte surface finish, reducing reflections for less eye-fatigue
- ▶ Heat resistant to dropping solder

Applications	Conductivity	Material	Directive
Designed for use with work benches	$10^6 \leq R \leq 10^7 \Omega$	NBR+SBR	<b>EPA RoHS</b>

### STRUCTURE



Surface layer  
(static electricity-diffusing rubber)

Backing  
(conductive rubber)

### COMMON SPECIFICATIONS

Model No.	LG-100	SG-100
Color	Light green	Green
Size	W1.0m × L10m × t2.0mm	W1.0m × L10m × t2.0mm
Conductivity	$10^6 \leq R \leq 10^7 \Omega$	$10^6 \leq R \leq 10^7 \Omega$
Weight	35kg/roll	35kg/roll
Material	NBR+SBR	NBR+SBR

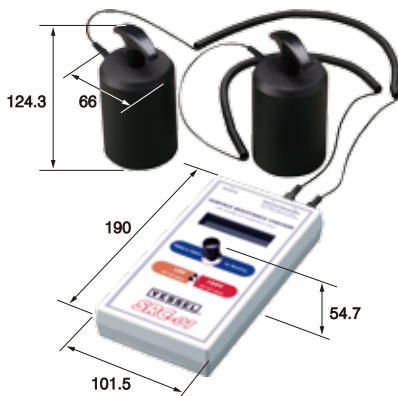
10m ROLL

**LG-100** EDP No. 621464  
**SG-100** EDP No. 621461



## Surface Resistance Checker

Easy checking of surface resistance on floor or mat



**SRC-01**  
EDP No. 621604

- ▶ All items necessary for 4 types of measurement in one package
- ▶ Can also measure temperature and humidity (the values are for reference)
- ▶ Applied voltage selector switch enables to measure either the range of  $1.0 \times 10^3 \sim 10^5 \Omega$  or of  $1.0 \times 10^6 \sim 10^{12} \Omega$ .

Measurement	Measurement	Measurement	Measurement	Directive
Resistance between 2 points on a surface	Resistance between a ground and a points on a surface	Surface resistivity	Volume resistance	<b>CE RoHS</b>

### ACCESSORIES

- Probe (outer diameter: about  $\Phi 66$  mm, about 2.3 kg): 2
  - Curled cord for a body earth (banana plugs at both ends): 1
  - Curled cord for measurement for the point-to-point resistance and resistance to ground (banana plug/mono plug): 2
  - Crocodile clip: 1, Large crocodile clip: 1
  - Stainless plate (230 mm x 142 mm): 1
  - Stainless plate: 1
  - Carrying case: 1
  - 9V battery (006P type: manganese dry battery): 1
- ※ The accompanying battery is a sample.  
It may have run down soon after purchase.  
Thank you for getting a new battery by yourself.

Manuals

### SPECIFICATIONS

Conformity standards	IEC61340-4-1, JIS-C2170
Measurement range	$10^3 \sim 10^{12} \Omega$ ( $\Omega$ /sq.)
Applied voltage	10V ( $R < 1.0 \times 10^6 \Omega$ or $\Omega$ /sq.), 100V ( $R \geq 1.0 \times 10^6 \Omega$ or $\Omega$ /sq.)
Display	Triple-digit LCD (□□□ e□□) ex: 3.14 e10 → $3.14 \times 10^{10}$
Power source	9V battery × 1 (Type: 006P, recommended alkaline battery)
L×W×D	190 (L) × 101.5 (W) × 54.7 (H) [mm]
Weight	Body: around 340g (including a battery), gross weight: around 6.2kg (including the carrying case)
Operating temperature and humidity	0°C~37°C, 10%~90%RH
Material	Body case: ABS resin



- For safety purposes, read the instruction manual carefully before using the unit.
- Do not use this product in an explosion-proof area.
- A high voltage is applied on this product. Make sure that water, oil, solvents, etc., do not come in contact.
- Avoid dew condensation as it can result in electric shock or product damage.
- Keep away metal objects such as tools or needles, or body parts such as fingers, hands or face from the needle electrode because a high voltage is applied on the needle electrode.

● For improvements, the product specifications, size, price and other information may be subject to change without prior notice.

Distributed by

## VESSEL Co., Inc.

17-25, Fukae-kita 2-chome, Higashinari-ku, Osaka 537-0001 JAPAN  
Tel : +81(0)6 6976 7778 Fax : +81(0)6 6972 9441

## VESSEL EUROPE

6, avenue du 1er Mai, ZAE Les Glaises, 91120 Palaiseau FRANCE  
Tel : +33(0)1 69 19 17 42 Fax : +33(0)1 69 19 42 20

E-mail : export@vessel.co.jp URL : http://www.vessel.co.jp/english/

Printed in Japan

16080021.02