

Explosion proof earthing clamp

***Patented product in Japan**

EXP-A01

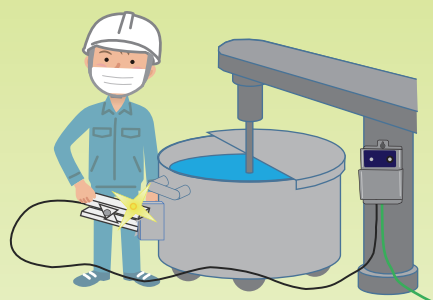
Certification: IECEx TIS 20.0014 / JAPAN (JPEX) No. TC22671

We plus safety in hazardous-area,
such as, on the site with organic solvents.
Visualize the earthing with **LED** at your hand !



INTRINSIC SAFETY

MADE IN JAPAN



No installation work required

This earthing clamp runs on alkaline batteries, and has LED to check the remaining battery power so you can use it without sudden interruption.

Also it's not necessary to perform installation work nor power supply installation.

Flexible and durable robot
cable, excellent resistance to
bending, twisting, heat and oil.

Visualize the earthing with light emission LED at your hand

When the earthing is done, the LED lights up at
hand, allowing you to visually confirm earthing.



Sharp terminal structure realize penetration in coating and film layer of drum surface and grabbing firmly.

The terminal structure of handy clamp has 2 types
of teeth;

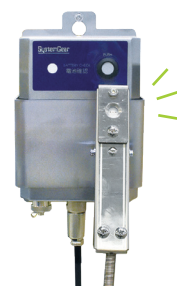
The "3-point pin" can strongly penetrate in coating
and film layer then realize earthing.

The "L-shaped pin" can grab even short tab firmly.

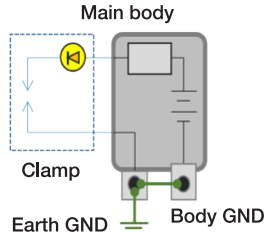
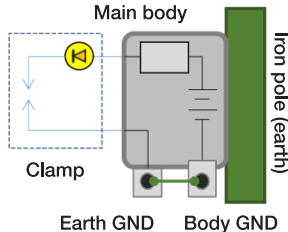
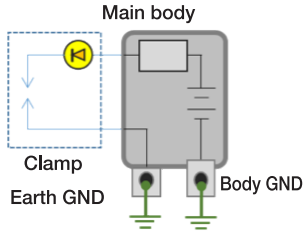
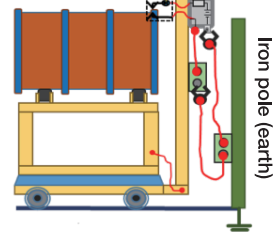


Easy stowage

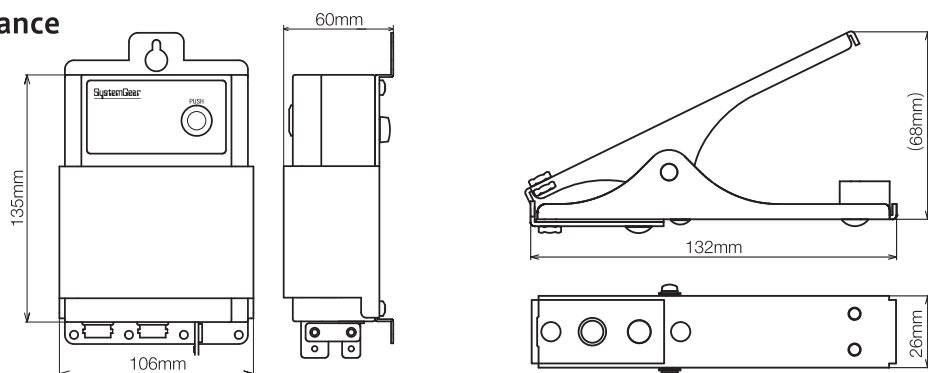
The handy clamp has magnet
on the back, it enables opera-
tors to attach the clamp to
Main body when the process is
complete.



■ Earthing method(Grounding method)

Simple earthing (Short bar and earth wire)	Main body earthing (Earthing with the main body)	Wire earthing (Check all loops)	Dolly earthing (loop including dolly)
By using short bar attachment, only one ground wire is necessary.	The main body attaches to earthed steel pole.	You can check all the wiring by earthing the two lines (detection line and ground line) individually.	Using existing another clip, it's possible to check the earthing of drums on a dolly.
			

■ Appearance



■ Specification *Patented product in Japan

Name		Explosion proof earthing clamp
Model		EXP-A01
Type of protection / mark		INTRINSIC SAFETY / Ex ia II B T3 Ga
Certification		IECEx TIS 20.0014 / JAPAN (JPEX) No. TC22671
Earthing indication	LED	1 Yellow LED on clamp
Remaining battery check	Push button	LED display: Yellow: Sufficient battery, Red: Low battery, Light off: No battery
Clamp cable	Length	3m
	Durability	Oil resistance, Heat resistance Robot cable (dark blue)
	No. of connections	Max. 2 clamps
Clamp terminal structure	3-point pin	1 pin (upper sensing side) , 2 pins (lower earthing side)
	L-shaped pin	2 pins (upper sensing side) , 1 pin (lower earthing side)
External dimensions		Main body / Width: 106 mm, Height: 135 mm, Depth: 60 mm (not including connector, earth tab) Clamp / Width: 26mm, Height: 68mm (maximum height), Depth: 132mm (not including cable)
Weight		Main body: approx. 780g (not including batteries) / Clamp: approx. 190g (not including cable)
Power supply		Alkaline C size battery x 2 (Panasonic LR14XJ)
Battery life		Approx. 1,200 hours (when using 1clamp)
Installation Environment		Ambient temperature: 0 to 45°C (during operation) Ambient humidity: 20 to 90% (during operation) No condensation, no icing

■ Equipment option

Clamp cable	Length	1.5m / 5m
-------------	--------	-----------

SystemGear
Always the next news

SystemGear Co., Ltd.

<https://www.systemgear.com/exp/>

Contact

Tel / Fax +81-6-7663-3077 / +81-6-7663-3078
E-mail sales-exp-en@systemgear.com
Address 1-9-14 Edobori, Nishi-ku, Osaka, Japan 550-0002



General warning

To ensure correct and safe use, be sure to read the instruction manual before using the product.

●The specifications, standards and appearance of this product are subject to change without notice for improvement. ●Please note that, because of the printing, photos and screens used in this manual may differ in its color and details from the actual ones. ●Sales, production, and maintenance of the products in this paper may be discontinued without prior notice or notification.