

1. Line of Business / Production Items

Lineups of our Auto Dimension Measuring Equipments

<2D Desktop-Type>



SmartEdge GS-HB6040

<2.5D>



SmartEdge GS2-HLS150120MH

<Rapid & High Accuracy>



SmartEdge GS2-HLS6560

<Scanner-Type>



SmartEdge S-CN4030

The SmartEdge series can automatically measure the dimensions of an up to A2 size plane workpiece in micrometers using image processing techniques. We address the labor-saving needs of our customers!

Main Products: Auto dimension measuring equipment: SmartEdge series

Main Tehcnology: The equipment can automatically measure the dimensions of optical films, including films, sheets, and polarizing plates, and plane workpieces, such as sealing compounds, in a non-contact manner. Image processing of images taken by the camera provides users with a variety of measurement data,

[Features]

- (1) Anyone can use this equipment by intuitive operation.
- (2) Anyone can deliver the same measurement results using this automatic measurement equipment. Our customers can solve human error problems.
- (3) We can provide custom-sized machines, such as an extra-large measurement device fit to measure a large workpiece. (We have manufactured a measurement machine with a width of 4m.)
- (4) Users can order customized lenses (magnification) and lights (directions and wavelengths). (E.g. 4 directional lights)
- (5) Users can add a function of measuring the height of an object in micrometers using a contact probe with extra-low pressure. (Optional)
- (6) Our CAD data (DXF) reading tool (optional) enables users to create a program easily.
- (7) We offer free-of-charge sample measurement services before the customer purchases our measurement device.
- (8) We also support other diverse requirements, such as addition of an absorption mechanism to fix a workpiece.

Main Customer (industry): **[Main customers]**
Companies related to automobiles (next-generation vehicles), electronic devices, films, semiconductors, robots, railways, aircraft (for defense), power utilities, and medical devices

[Examples of application]

Touch panels, polarizing plates, a variety of films, printed/flexible substrates, Thomson cutting dies, photomasks, gaskets, electrodes in a lithium-ion battery for EV
Our product has been employed by a manufacturer of lithium-ion batteries as an automatic dimension measuring device for large battery electrodes.

2. We are looking for...

BUYER

Manufacturers that require high accuracy and have needs for labor-saving and automation

[The companies we would like to talk with]

Manufacturers of next-generation vehicles(EV), suppliers of components(Japanese/local companies), metal stamping companies, and material manufacturers

PARTNERSHIP

Local companies in Thailand that undertake the jobs of maintaining our automatic 2D measuring equipment (the SmartEdge series)

[The companies we would like to talk with]

the companies that have experience of dealing with Japanese companies
It would be preferable that the staff of the company could speak Japanese.

3. Company Profile & Contact Information

(CHUO ELECTRIC WORKS LTD./Japan Head Office)

■Established Year : 1930
■Number of Employees : 46
■Capital (USD) : 100,000
■Quality Certificates : ISO9001 (for SmartEdge Series)
■Person in Charge: : Tatsuo KATAGAMI (Mr.)
■Title: : Section Manager, Sales Dept.
■Language: : English, Japanese
■Address: : 2-7-12, Uchindai-cho, Miyakojima-ku, Osaka-shi, Osaka, 534-0013, JAPAN

■TEL: : +81-6-6953-2366
■FAX: : +81-6-6953-2414
■E-mail: : eigyou@e-cew.co.jp
■Website: : (JP) <https://www.e-cew.co.jp>
 : (EN): https://www.e-cew.co.jp/mb/index_en.html/

(CHUO ELECTRIC WORKS LTD./Thai Contact Office)

■Established Year : -
■Number of Employees : 0
■Capital (USD) : -
■Quality Certificates : -
■Person in Charge: : Tatsuo KATAGAMI (Mr.)
■Title: : Section Manager, Sales Dept.
■Language: : English, Japanese
■Address: : 2 Jasmine Building.,12 Floor,ROOM No.43
 Soi Prasammitr(Sukhumvit 23),Sukhumvit Road,
 North Klongtoey,Wattana,Bangkok 10110

■TEL: : -
■FAX: : -
■E-mail: : eigyou@e-cew.co.jp



SmartAlert
(Remote Monitoring System)



<Software Engineering Award 2017>
We were awarded "Software Engineering Award 2017" at NI Alliance Day 2017 (LabVIEW)



<At Exhibitions>
Auto Dimension Measuring Equipment
(Left) 2D Desktop-Type (Right) Large-Size