



霧のいけうち

# We're the Fog Engineers, creating a variety of innovating uses for "fog".

We are a manufacturer of spray nozzles, a component that allows to freely design the **size, volume, spread, and speed** of the fog. We bring smiles to people's faces by making good use of the power of fog, as a unique industrial-use material.

Those are all  
spray nozzles →

## Where are our fogs serving?

Spray nozzles and fog are used in a variety of ways, mainly in manufacturing plants, to help improve work efficiency and quality, and to protect the health of people and animals.



### Clean

From food factories to semiconductor plants, used for washing are spray nozzles.



### Cool

Fog efficiently cools a variety of objects, from air to objects.



### Mist stage



### Protect Environment

Serving to remove SOx and NOx in flue gas.



### Nurture

Helping improve crops and the environment for industrial animals.



### Humidify

Measures against static electricity with humidification and moisture control of product.



### Dry

Air nozzles are used for blow-off drying and sorting out defective products.



### Apply

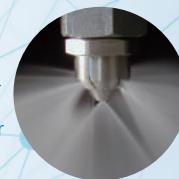
Spraying seasonings and applying mold release agents.



### Water Saving

### Fire Suppression

Used in water sprinkler systems for fire suppression.



"The Fog Engineers"

H. IKEUCHI & CO., LTD.

Headquartered in Japan E-mail: [overseas@kirinoikeuchi.co.jp](mailto:overseas@kirinoikeuchi.co.jp)  
URL: <https://www.kirinoikeuchi.co.jp/eng/>

Global Network

ikeuchi nozzle



IKEUCHI Channel

Full of spraying videos and educational videos

YouTube IKEUCHI Channel



The original Non-wetting Fog  
**Dry Fog, Our Original Technology**

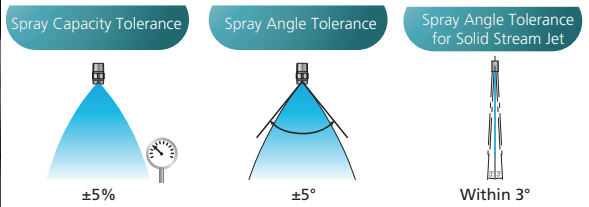
The cool and refreshing "non-wetting fog" is often featured on Japanese television in the summer. The concept of "non-wetting" and "fog" originated from our "Dry Fog" technology, which was developed to prevent static electricity in factories. This Dry Fog has now changed its form and is also used to create scenic effects at sightseeing spots and artificial seas of clouds.



Artificial sea of clouds

For crucial manufacturing sites  
**Our Commitment to Quality Guarantee**

Hydraulic Spray Nozzle Precision Guarantee



Spray nozzles are used in important manufacturing processes. We set strict acceptance criteria for spray nozzle precision performance and only ship the nozzles that pass inspections based on those criteria. This ensures that we provide a reliable, safe product that meets even ultra-precise spraying requirements.

From Local Roots to Global Reach  
**Our Customers Span Across the Globe**

Originating in Kure, Hiroshima, Japan, IKEUCHI has evolved alongside Japan's economic development. We have refined our fog technology in response to the social issues and industrial needs of the time. And now, our fog is spreading not only domestically but also overseas.



Our Customers include:

- TSMC / Intel / Samsung / SK Hynix / SEMES / Foxconn / Tokyo Electron / SCREEN Semiconductor Solutions / LG Electronics / LG Display / AU Optronics / Innolux / BOE / BOSCH / Rolls-Royce / DENSO / MICHELIN / Nippon Steel / JFE Steel / Ebara Corp. / Kubota / Mitsubishi Heavy Industries / Dai Nippon Printing / TOPPAN / Toyota Motor / TOTO / Hokuto / Anheuser-Busch / JAXA, and more.

IKEUCHI was born in  
**1954**

**A world first! The Ceramic Nozzle Everyone Wanted!**

Ceramics are made by hardening natural mineral materials at high temperatures. While ceramic materials are highly resistant to chemicals and wear, it is difficult to process because it shrinks and cracks during the hardening process. We were the first in the world to manufacture spray nozzles using this material.



The first ceramic nozzle from IKEUCHI

For Japanese Readers:  
**Natsumi's Newsletter**

Introducing "work-useful" information in Japanese that our staff member, Natsumi, is interested in more profusely than our products!?



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3D / 2D CAD model  
 download free!

ikeuchi CAD



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We have branches and affiliate companies around the world—in China, the USA, the Netherlands, Thailand, Indonesia, and more. Please see our website for the nearest contact.

<https://www.kirinoikeuchi.co.jp/eng/company/location/>

