



"The Fog Engineers"

IKEUCHI USA, INC.

K & F
Electronics
www.circuitboards.com
Est.
1972

Dry Fog for Electronics Manufacturing



K&F ELECTRONICS' EXPERIENCE



Background

Based just outside Detroit in Fraser, Michigan, K&F Electronics has been building circuit boards since 1972 for customers in medical, aerospace, and beyond. To keep humidity steady through every season on its surface mount floor, President Sean Kincaid turned to Ikeuchi's AKIMist®E Dry Fog system. Here's what changed.

BEFORE: Challenge	AFTER: AKIMist®E Solution
Static-driven component flipping during SMT pick-and-place, even with ionizers	Static under control for accurate, consistent placement
Winter humidity dropping as low as 16% RH	Automated, stable humidity in every season
Dry conditions shortening solder paste shelf life	Extended solder paste life and less material waste
Dry winter air affecting workforce health	Healthier workforce with 14x fewer sick days



FROM SKEPTIC TO BELIEVER

"Most people overlook the importance of humidification, and I'm guilty of it myself. I just thought it's a waste of money... but seeing the results, it's just unquestionable at this point."

Sean Kincaid, President, K&F Electronics

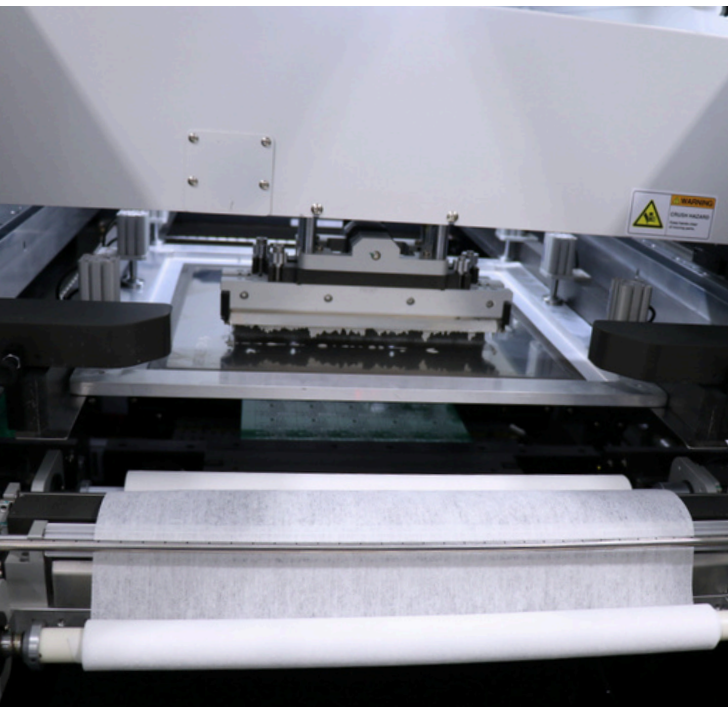


"It's a brand new building with a brand new roof too. So if there was going to be anything [wetting], I was going to notice it."

NO WETTING

"Whether it's the high heat of the summer or the coolness of the winter, one thing we know for sure is the humidity is going to be the same."

YEAR-ROUND CONTROL



The Dry Fog Results



No Flipped Parts
Static under control



Longer Paste Life
Less solder paste waste



Zero Maintenance
No service calls since day one



Healthier Team
Sick days down 14x

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