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Tooling Newsletter

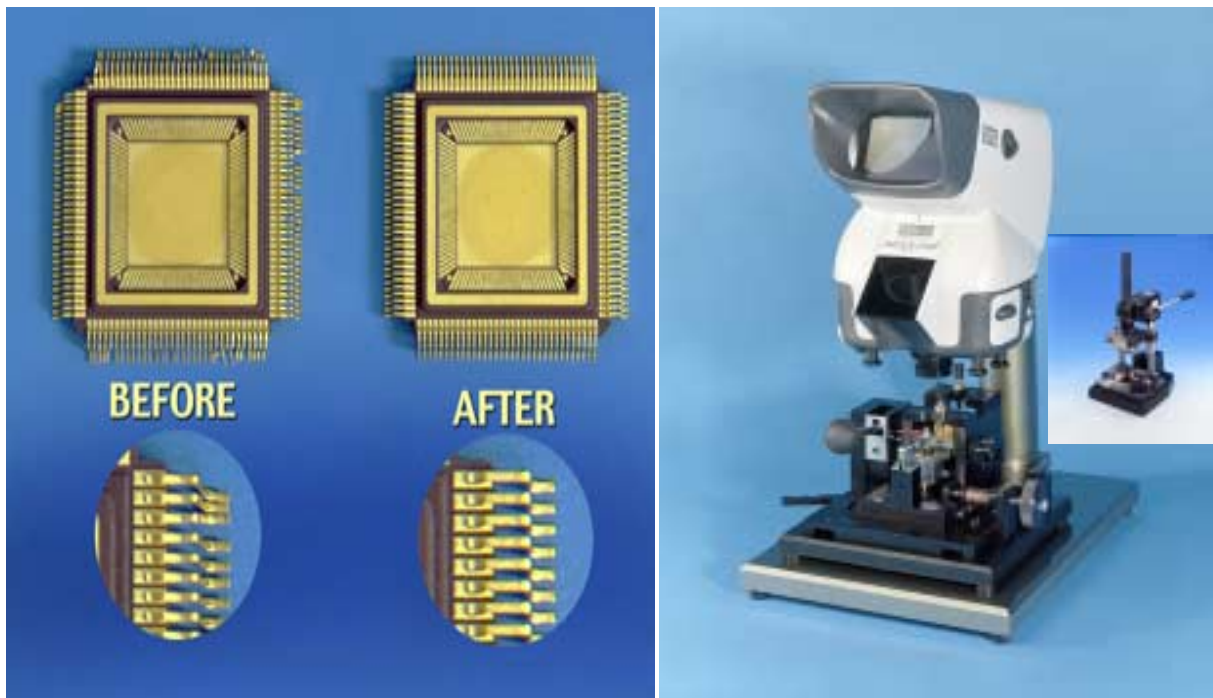
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Lead Reconditioning of CQFPs

Introducing the MLCS-3, a new model in the Fancort family of lead reconditioning systems designed to restore leads on a variety of ceramic fine pitch formed packages to Jedec tolerances. Two machines used in sequence will correct lead sweep, pitch, toe up or down, coplanarity and overall tip to tip dimensions. The F-1B/X-RC (see inset) will reform the leads into the proper gull-wing shape and coplanarity and the MLCS-3 oscillates the leads into the proper position.

The MLCS-3 is a precision instrument with an integrated Mantis magnification system which allows the operator to see the comb alignment before engaging the leads. The operator can then adjust the package in the 'X' dimension so the comb properly engages the leads before manually oscillating. The procedure for reconditioning a part can take from 1 to 5 minutes depending on any hand prep that might be required.



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