



## Micro contacting unit with vision system

**The trend in electronics industry is towards more compact electronic modules with increasing packing density. This leads to more and more shrinking test points. Diameters with a size of 0.2 mm will be established in the electronics and will have to be contacted. Moreover, there has been an increasing use of flexible PCBs, ceramic substrates and glass plates.**

With conventional contacting stations these DUTs are no longer testable. The company ENGMATEC GmbH, Radolfzell, orients itself around market requirements and has come up with a corresponding test system. By using an integrated vision system the newly developed contacting unit „MTH“ (Micro Test Handler) is able to contact smallest contact areas precisely.



Small test points with a size of 0.2 mm can be reliably tested by the “Micro Test Handler“. The assemblies do not require center holes with this solution - this enables also the contacting of ceramic substrates, glass plates and flexible PCBs.

Using a vision system the contact pins are aligned to the DUT corresponding to the position of the test points. A correction of the position is possible within 2 mm and 3 degrees.

At the SMT tradeshow in Nuremberg from May 03 to 05 ENGMATEC will present the Micro Test Handler “MTH” to an audience of experts.

