

CUSTOM FRONT END EQUIPMENT
for THE MANUFACTURING of
ALL CERAMIC MULTILAYERS
and **FUEL CELLS**

The Full Line of Keko Equipment

Keko Equipment has been manufacturing custom-designed front-end equipment for the production of all multilayer ceramic passive components and devices since 1977. The product line includes tape casters, punching machines, automatic integrated printers and stackers, stand alone screen printers, roll to roll screen printers, isostatic presses, automatic chip cutters, and chip taping machines.



The CAM-M1 tape caster is now the most successful tape caster in the market for casting on Mylar on 15-35 cm width, due to its accuracy,

automation and in-line thickness gauge. With the PAM 4/8 punch and the IS-3A line of stacking equipment Keko now provides the best low cost entry into automatic LTCC manufacturing for high accuracy applications.

Special product lines are available for fuel cell manufacturing and piezo ceramic high stacks.



Haiku Tech is the exclusive distributor of Keko Equipment in the Americas, Europe, India and Israel.

Americas

Haiku Tech Inc.
1669 NW 79th Avenue
Miami, FL 33126
USA
T: (305) 463-9304
F: (305) 463-8751

E-mail: sales@haikutech.com
Website: www.haikutech.com

Europe

Haiku Tech Europe B.V.
Dorpsstraat 100A
6274 NN Reijmerstok
The Netherlands
T: +31 (43) 457-8054
F: +31 (43) 457-8053

India

Neotronics International
2, Ambaji Apts, Gr. Flr.
Commercial complex
Devidayal Cross Road
Mulund (W), Bombay-400 080
India
T: (022) 2-568-4580
F: (022) 2-564-1377

The Full Line of Keko Equipment

- **CAM-M1 Tape Casting Machine**
 - For high accuracy (ceramic) tape casting on carrier films
- **CAM-22 Semi-Automatic Steel Belt Tape Caster**
 - Accuracy, stability and higher casting speeds
- **CAM-C Custom Built Tape Casters**
 - up to 1 m (3ft) wide and 22 m (70 ft) long
- **CSM-2 / CSM-3 Fully Automatic Cover Sheet Maker**
 - Save precious time in your stacking process
- **P-160/200 Screen Printers**
 - Flexible high precision screen printers
 - With or without vision and automation
- **CM-14 Fully Automatic Green Ceramic Cutter**
 - Fully vision controlled; high speed
- **CTM-12 Chip Taping Machine**
 - Flexible, efficient taping machine
- **RTP-1 Roll to Roll Screen Printer**
 - Highest productivity
 - Two color printing



- **SC-1 Automatic Sheet Cutter**
(with option for fixed alignment hole punching)
- **PAL-9 Fully Automatic MLC Printer Stacker**
 - High layer counts, large production volumes
- **FSP-10 Fully Automatic Multilayer Inductor Maker**
 - Fills tape vias and prints circuit / Automates multi-layer substrate manufacturing
- **FEP-10 Fully Automatic Wet Multilayer Component Maker**
 - Low-cost bulk production
 - With up to 4 screen printers
- **SD-1 Sheet or substrate tunnel drier**
- **ILS-4/6 Isostatic Lamination System**
 - Low-cost isostatic warm press for 4" or 6"
- **IS-3M/A Multilayer Ceramic Stacker**
 - Highly accurate placement of sheets
 - With or without vision and automation
- **HLS-1 Multilayer Ceramic Cavity Stacker**
(for high stacks < 100mm)
 - vision positioning of sheets or mini-stacks
 - integrated pressing and de-airing possible
- **Lab-Equipment Sets designed for low cost laboratory set-up**
 - LTCC
 - Piezo
 - Fuel Cell