

## PRESS RELEASE.

### **Ucamco releases the calibr8tor 3000 laser photoplotter, setting a new global benchmark for productivity and accuracy**

The calibr8tor 3000 is targeted at the high-end PCB fabricators.

At the heart of the machine is Ucamco's new scalable FlashRip. FlashRip has been developed to process the massive data streams needed for high-speed plotting of high-resolution images. New dynamic plot-beam controls accurate to 0.1 microns and advanced pixel placement algorithms operating at 200,000 ppi ensure pin-sharp high-precision images.

The calibr8tor 3000 features plot resolutions from 4,000 ppi to 25,400 ppi. It offers the flexibility to handle plot requirements from standard production through HDI PCBs to specialist applications needing features down to 10 microns.

Its new high-speed optics and electronics boosts the productivity to an unprecedented throughput. With underneath throughput values for an 18"x24" exposed panel, it outruns all competition.

Resolution (ppi)	Throughput (films/hour)
4,000	35.0
10,160	21.3
25,400	8.2

The laser plotter features Ucamco's new Geometric Correction System (GCS). This allows the user to plot phototools pre-compensated for linear and, more critically, non-linear distortions introduced onto panels during production. The compensation measurements are stored in FlashRip for different materials and board stack-ups. The CAM or plotter operator selects the relevant set as each job is put into the plot queue.

Karel Tavernier, Ucamco's Managing Director, explains: "PCB fabricators today face new economic and technological challenges. At Ucamco we are committed to delivering the tools to enable them to meet these challenges. The new family of calibr8tor 3000 plotter has been developed to boost productivity and cut costs by speeding up phototool generation even at high resolutions. At the same time it helps fabricators meet the technological challenges of increased component densities on PCBs and tighter tolerances for HDI."

For more information contact us at [info@ucamco.com](mailto:info@ucamco.com).

UCAMCO is a market leader in the design and manufacturing of PCB CAM and laser photoplotting systems with more than 25 years continuous experience developing, supplying and supporting leading-edge front-end tooling solutions for the global PCB industry.