



Tektronix Inc. Phaser 340 Office Solid Ink Printer

Key Goals and Accomplishments

Breakthrough product with high speed office solid ink printing

High reliability and product quality

Approach and Key Tools

Concept Generation: Compliant Wall Acoustic Damping Technology; High Frequency PZT Driver Design and Manufacturing

Acoustic Simulations

DOE Experimental Optimizations

Process Optimization and Six Sigma Geniality/Quality Improvement.

Partnership with key material suppliers.

Results and Recognition

PC Magazine Technology Award Winner

Patent: High-performance ink jet print head, Ronald F. Burr et al

Publications: [Ink Volume Displacement in an Impulse Printhead with Bilaminar Transducer](#)

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*Pennsylvania State University pages 134-138.

