Quarterly Investor Fact Sheet

October 26, 2009

LED & Solar Process Equipment • Data Storage Process Equipment • Metrology






	LED & Solar Process Equipment	Data Storage Process Equipment	Metrology
Core Technologies	MOCVD, MBE, CIGS Sources and Coating Systems	Ion Beam Etch & Deposition, DLC, PVD, Saws & Lappers	Atomic Force Microscopes, Stylus & Optical Profilers, Confocal Microscopes
Veeco Market Position	# 1 or 2	# 1 equipment supplier for thin film magnetic head manufacturing for hard drives	# 1 or 2 – large share "nanotech tools"
Market Growth Rate	> 25% LED > 70% CIGS	5 – 10%	5-10%

Veeco Executes Successfully Through Downturn

Plan	Result
Increase variable cost percentage for better performance through cycles	Executed factory consolidation ahead of plan
Simplify organizational structure and lower company breakeven point	Achieved $80M breakeven level for Q3'09
A solid balance sheet	Generated cash through down cycle
Excellent customer connectivity and relationships	Winning business - best order quarter ever
Aligned to customers technology roadmaps	New product traction in all businesses

Q3 2009 Highlights – Exceeding Guidance In All Areas

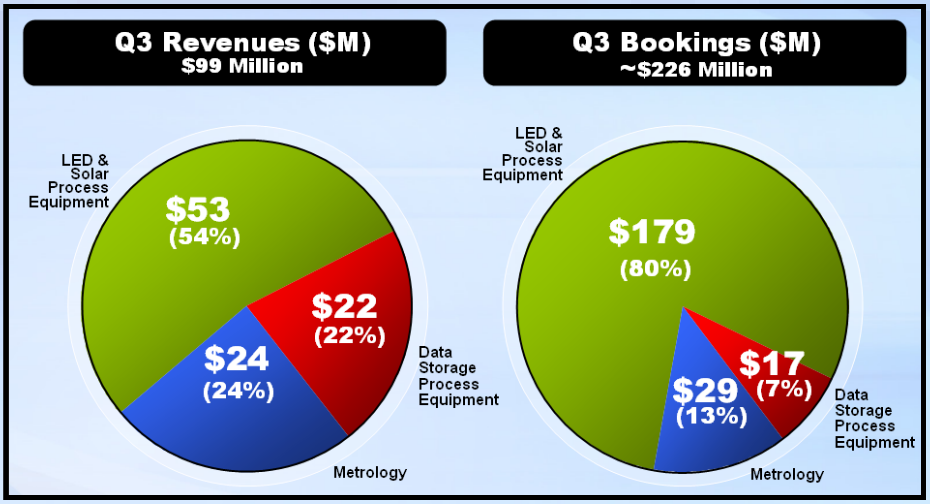
- Revenue was $98.9M, down 15% compared to $115.7M in Q3'08. Revenue increased 37% sequentially
- Operating spending declined 19% versus Q3'08
- Cash balance increased $12 million to $109.4 million, resulting in a positive net debt/cash balance
- Gross margins were 41.4%, ahead of guidance
- Bookings were $225.6 million, a record level for the company; Sept 30 backlog $286.5M

LED & Solar: Record orders $179.2M
Manufacturers ramp production for TV, laptop backlighting and general illumination applications
$15M order for FastFlex CIGS deposition tools and multi-million dollar repeat order for CIGS sources

Data Storage: Orders still weak at $17.2M

Metrology: Orders $29.2M, up 27% sequentially due to new product traction and modest improvement in scientific research and industrial spending

Q3 Financial Highlights



($M except EPS)	Q3'09	Q2'09	Q3'08
Orders	$225.6	$98.7	$90.2
Revenues	**$98.9**	**$72.0**	**$116**
Gross Margin*	41.4%	33.9%	40.6%
Operating Income (Loss)	$3.5	($12.6)	$0.1
EBITA (Loss)**	$8.9	($6.4)	$10.4
EPS (Loss) (Non-GAAP)**	**$0.16**	**($0.15)**	**$0.19**

*Excludes certain items **See reconciliation to GAAP on www.veeco.com

Summary and Q4 Outlook

- Backlog at end of September $286.5M, $239M in LED & Solar
- Continue to experience positive business trends in MOCVD
- Strong interest in thermal deposition systems for CIGS solar cell manufacturing
- Overall business conditions in Data Storage and Metrology appear to be improving from trough levels and we remain well aligned with customers' technology roadmaps
- Revenues for Q4 '09 expected to be between $120-130M and for full year 2009 between $353-363M

Veeco Analyst Coverage / Contact Information

Avian Securities LLC.
Andrew Abrams
212 232 0178

BA-Merrill Lynch
Krish Sankar
415 676 3552

Canaccord Adams
Jonathan Dorsheimer
617 371 3875

Citigroup Smith Barney
Tim Arcuri
415 951 1734

D.A. Davidson
Matt Petkun
503 603 3056

FTN Midwest Securities Corp.
JoAnne Feeney, Ph.D.
216-592-1905

Janney Montgomery Scott, LLC
John Roy
646 840 4606

Merriman Curhan Ford
Bill Ong
415 262 1383

Sidoti & Company, LLC
Kelly Anderson
212 297 0001

Stifel, Nicolaus & Co.
Patrick Ho
214 647 3509

Veeco Instruments Inc.

Nasdaq: VECO

Corporate Office: Terminal Drive, Plainview, New York 11803

Tel: 1 516 677 0200 **Fax:** 1 516 677 0380

Email investorrelations@veeco.com

Contact: Debra Wasser, Senior Vice President, Investor Relations, x1472

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