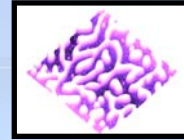




Quarterly Investor Fact Sheet

February 8, 2010

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%

2009 Accomplishment Highlights

- Executed an aggressive restructuring program
 - Maintained positive operating cash flow throughout the sharpest downturn in the history of the industry
 - Created a leaner structure with a higher percentage variable cost to substantially improve profitability
- Strengthened the balance sheet through completion of secondary offering, aggressive cost control and improved working capital management
- Rebalanced business portfolio: Realigned resources and management focus in favor of strategic growth areas
- Exited the year with unprecedented momentum
 - All three segments projected to grow revenue and profit in 2010
 - Record backlog of \$402M

Q4 2009 Highlights

- Revenue was \$146.4 million, up 33% compared to \$110.3 million in Q4'08. Revenue increased 48% sequentially
- Bookings were \$262.2 million, surpassing our prior record level of \$225.6 million
- Net income was \$18.7 million, or \$0.50 per share, compared to net loss of (\$74.0) million, or (\$2.35) per share, last year
- Veeco's earnings per share, excluding certain items, was \$0.41 compared to earnings per share of \$0.15 last year
- Operating expenses \$43.3 million (29.6% of sales); up sequentially but down as a percent of sales
- Q4'09 gross margins were 45%, ahead of guidance of 43-44%; all three businesses reported sequential GM improvement

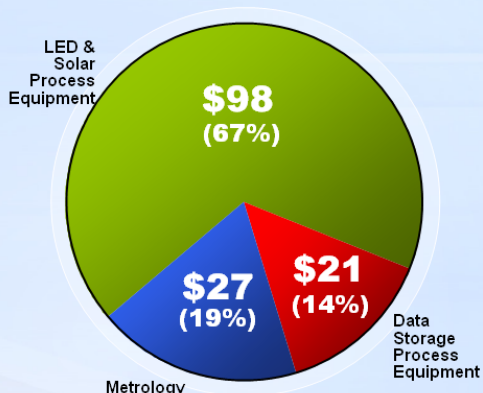
Strong balance sheet performance:

- Company generated \$37 million in cash from operations in fourth quarter, exclusive of \$130M equity offering proceeds
- Record inventory turnover of 4.2 times

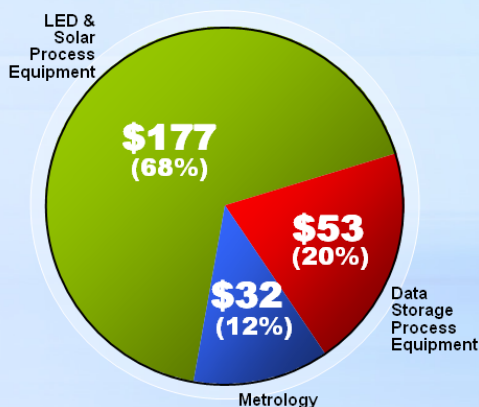
All Businesses Profitable in Q3 and Q4 2009

Q4 2009 Financial Highlights

Q4 09 Revenues (\$M) \$146 Million



Q4 09 Bookings (\$M) \$262 Million



(\$M except EPS)	Q4'09	Q3'09	Q4'08
Orders	\$262.2	\$225.6	\$88.5
Revenues	\$146.4	\$98.9	\$110.3
Gross Margin	45.0%	41.4%	39.5%
Operating Income (Loss)	\$20.5	\$3.5	(\$77.1)
EBITA (Loss)	\$25.1	\$8.9	\$8.0
EPS (Loss) (Non-GAAP)	\$0.41	\$0.16	\$0.15

See reconciliation to GAAP on www.veeco.com

Record Q4 Bookings

Q4'09 bookings \$262.2M, up 16% sequentially and 200% higher than Q4'08

LED & Solar:

- \$177M in orders with 16 LED manufacturers placing orders for Veeco MOCVD
- Unprecedented demand for TV and laptop backlighting ramp. General illumination in "early innings"

Data Storage:

- Strong recovery of \$53M; orders up 200% sequentially

Metrology:

Orders \$32M, best order quarter in six quarters

Q4 book to bill 1.79 to 1.00

Veeco Analyst Coverage / Contact Information

Avian Securities LLC

Andrew Abrams
212-232-0178

Bank of America

Krish Sankar
415-676-3552

Canaccord Adams

Jed Dorsheimer
617-371-3875

Citigroup Smith Barney

Tim Arcuri
415-951-1734

J.P. Morgan Chase & Co.

Christopher Blansett
415-315-6702

Lazard Capital Markets

Daniel Amir
415-281-3424

Merriman Curhan Ford

Bill Ong
415-262-1383

Piper Jaffray & Co

Jesse W. Pichel
212-284-9301

Sidoti & Company, LLC

Kelly Anderson
212-297-0001

Stifel, Nicolaus & Co.

Patrick Ho
214-647-3509

UBS Securities LLC

Ahmar Zaman
212-713-9903

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

Website: www.veeco.com/IR

To the extent that this news release discusses expectations or otherwise makes statements about the future, such statements are forward-looking and are subject to a number of risks and uncertainties that could cause actual results to differ materially from the statements made. These factors include the risks discussed in the Business Description and Management's Discussion and Analysis sections of Veeco's Annual Report on Form 10-K for the year ended December 31, 2008 and in our subsequent quarterly reports on Form 10-Q, current reports on Form 8-K and press releases. Veeco does not undertake any obligation to update any forward-looking statements to reflect future events or circumstances after the date of such statements.