Investor Fact Sheet

Q2 2011
July 28, 2011

Veeco makes equipment to develop and manufacture LEDs, solar panels, hard disk drives and other devices. We support our customers through product development, manufacturing, sales and service sites in the U.S., Korea, Taiwan, China, Singapore, Japan, Europe and other locations.

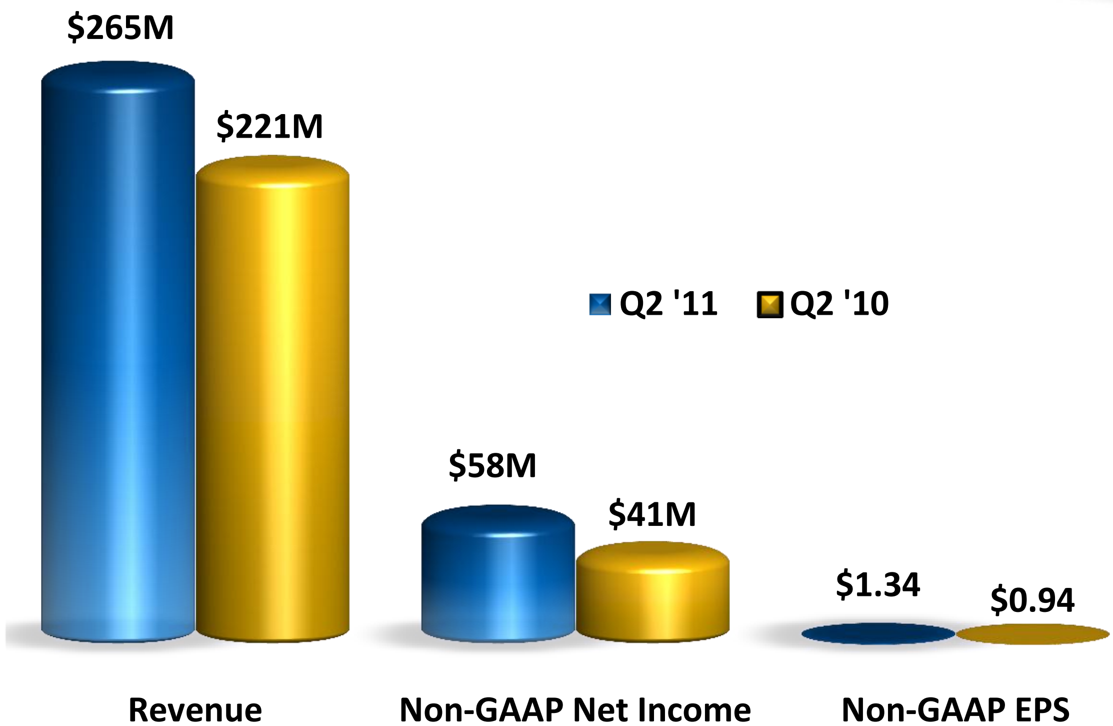
Veeco Snapshot

- Leader in many of the fastest growing segments for advanced deposition equipment
- Targeting large opportunities in LED, Solar and Data Storage
- Dramatic recent growth solidifies industry leadership position in LED
- Global footprint, with a diversified international customer base
- Strong gross margins with significant operating leverage and variable cost model to drive profits and cash generation

MaxBright: Most Competitive MOCVD Tool on the Market

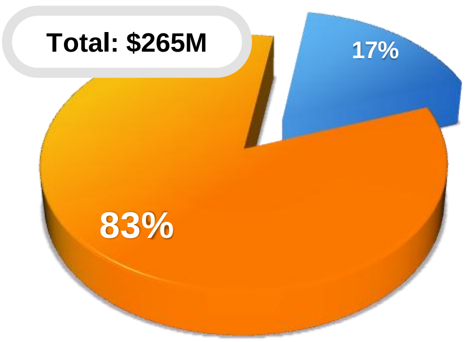
- **>$100 million** in MaxBright™ systems booked in Q2
- As planned, delivered 6 MaxBrights to key customers in Q2 ‘11
- Orders received from or being quoted at most Tier One accounts around the world

Q2 2011 Strong Performance Across the Board



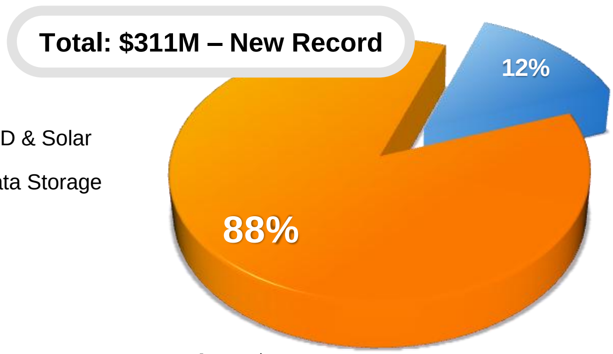
See reconciliation to GAAP on www.veeco.com

Q2 2011 Revenue Performance by Segment



LED & Solar
Data Storage

Q2 2011 Bookings Performance by Segment



LED & Solar – $219M

- Up 2% sequentially and 18% from Q2'10

Data Storage - $46M

- Up 14% sequentially and 28% from Q2'10

LED & Solar – $273M

- Up 38% sequentially and 5% from Q2'10 on strong China demand

Data Storage - $38M

- Up 15% sequentially but down 25% from Q2'10

Book to Bill = 1.17 to 1; Backlog $558M

Q2 2011 Highlights

($ millions except GM)	Q2'11	Q2'10	Q1'11
Revenues	$264.8	$221.4	$254.7
Gross Profit	100.1	98.8	129.3
Gross Margin	37.8%*	44.6%	50.8%
Operating Income	23.7	59.9	79.7
GAAP Net Income	19.2	49.9	53.1
Non-GAAP Net Income	57.6	40.7	56.6

* Non-GAAP Gross Margin 50.4%. See reconciliation to GAAP on www.veeco.com.

2011 Forecast:

Revenue: > $1.0B

Non-GAAP EPS: > $5.25

Q3 2011 Guidance

Revenues	$235-285M
Gross Margin	47-48%
Operating Spending	$55-57M (20-23%)
Adjusted EBITA	25-29%
GAAP EPS	$0.92-$1.32
Non-GAAP EPS	$1.00-$1.40

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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, 2010 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.

Note: All results presented herein are for Veeco's "Continuing Operations" which excludes the Metrology business sold to Bruker Corporation on October 7, 2010.