SECURITIES AND EXCHANGE COMMISSION WASHINGTON, D.C. 20549

FORM 8-K

CURRENT REPORT

PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

Date of report (Date of earliest event reported): May 4, 2010

TECHNE CORPORATION (Exact Name of Registrant as Specified in Charter)

Minnesota0-1727241-1427402(State or Other Jurisdiction(CommissionI.R.S. Employerof Incorporation)File Number)Identification No.)

614 Mckinley Place NE Minneapolis, MN 55413 (Address of Principal Executive Offices) (Zip Code)

Registrant's telephone number, including area code: (612) 379-8854

Not Applicable (Former Name or Former Address, if changed since Last Report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligations of the registrant under any of the following provisions:

- // Written communications pursuant to Rule 425 under the Securities Act 17 CFR 230.425)
- // Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- // Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- // Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02 Results of Operations and Financial Condition

A copy of the press release issued by Techne Corporation on May 4, 2010, describing the results of operations for the quarter and nine months ended March 31, 2010 and its financial condition as of March 31, 2010, is attached hereto as Exhibit 99.1.

Segment information for Techne Corporation for the quarter and nine months ended March 31, 2010 which has been included on Techne Corporation's website (www.techne-corp.com), is attached hereto as Exhibit 99.2.

The information in this Form 8-K and the Exhibits attached hereto shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934, as amended (the "Exchange Act"), or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

Item 9.01 Financial Statements and Exhibits

(d) Exhibits

99.1 Press Release dated May 4, 2010.

99.2 Segment information for the quarter and nine months ended March 31, 2010.

SIGNATURE

Pursuant to the requirements of the Securities Exchange Act of 1934, the Registrant has duly caused this report to be signed on its behalf by the undersigned hereunto duly authorized.

Dated: May 4, 2010

TECHNE CORPORATION By: /s/ Thomas E. Oland

Name: Thomas E. Oland Title: President and Chief Executive Officer

EXHIBIT INDEX

Exhibit No. Description

99.1 Press release of Techne Corporation dated May 4, 2010.

99.2 Segment information for Techne Corporation for the quarter and nine months ended March 31, 2010.

TECHNE CORPORATION RELEASES UNAUDITED THIRD QUARTER RESULTS FOR FISCAL YEAR 2010

Minneapolis/May 4, 2010/-- Techne Corporation's (NASDAQ: TECH) consolidated net earnings for the quarter ended March 31, 2010 increased 17.2% to \$32.4 million or \$.87 per diluted share compared with \$27.6 million or \$.74 per diluted share for the quarter ended March 31, 2009. The increase in net earnings for the quarter was primarily due to a \$4.7 million tax benefit, equating to \$.12 per share, resulting from a foreign exchange tax loss on Techne's repatriation of 50 million pound sterling from R&D Systems Europe to its U.S. based parent. Techne had previously paid U.S. income taxes on the foreign earnings that were included in the repatriated funds.

For the nine months ended March 31, 2010, Techne's consolidated net earnings increased 5.0% to \$83.9 million or \$2.25 per diluted share compared with \$79.9 million or \$2.10 per diluted share for the nine months ended March 31, 2009. Net earnings for the nine month period would have decreased by \$636,000 (0.8%) without the tax benefit that resulted from the foreign exchange tax loss from the repatriation of funds during the quarter ended March 31, 2010. This decrease in consolidated net earnings for the nine months was the result of lower interest income offset by increased sales and slightly improved gross margins.

Consolidated net sales for the quarter and nine months ended March 31, 2010 were \$70.3 million and \$202.3 million, respectively. This was a 3.6% and 1.6% increase from the quarter and nine months ended March 31, 2009, respectively. Consolidated net sales were positively affected by the strength of the U.S. dollar as compared to foreign currencies, primarily the euro and the British pound sterling. Excluding the effect of changes in foreign currency exchange rates, consolidated net sales increased 1.8% and 0.3% for the quarter and nine months ended March 31, 2010, respectively, from the comparable prior year periods.

Biotechnology net sales, which include sales by R&D Systems' Biotechnology Division, R&D Systems China and BiosPacific, were \$46.2 million for the quarter ended March 31, 2010, an increase of 2.3% from \$45.1 million in the quarter ended March 31, 2009. North American biotechnology sales to industrial pharmaceutical and biotechnology customers increased 2.0% during the third quarter of fiscal 2010 as compared to the third quarter of fiscal 2009. Biotechnology sales to its academic customers and Pacific Rim distributors and sales in China grew 3.5%, 12.6% and 10.3%, respectively, in the third quarter of fiscal 2010.

Biotechnology sales were \$132.6 million for the nine months ended March 31, 2010, an increase of 0.8% over the same period last year. North American biotechnology sales to industrial pharmaceutical and biotechnology customers decreased 2.5% during the nine months ended March 31, 2010 as compared to the first nine months of fiscal 2009. Biotechnology sales to its academic customers and Pacific Rim distributors and sales in China grew 4.0%, 10.6% and 20.7%, respectively, in the first nine months of fiscal 2010.

R&D Europe's net sales for the quarter and nine months ended March 31, 2010 were \$19.2 million and \$55.8 million, increases of 4.7% and 2.3%, respectively, from the same prior-year periods. R&D Europe's net sales decreased 1.9% and 2.5% for the quarter and nine months ended March 31, 2010 when measured at currency rates in effect in the comparable prior periods. The decreased net sales for the periods were mainly the result of lower sales to pharmaceutical customers.

Hematology net sales for the quarter and nine months ended March 31, 2010 were \$4.9 million and \$13.9 million, increases of 11.4% and 7.7%, respectively, compared to the quarter and nine months ended March 31, 2009.

Consolidated gross margins were 79.5% and 79.9% for the quarter and nine months ended March 31, 2010, respectively, compared to 78.9% and 79.5% for the quarter and nine months ended March 31, 2009, respectively. The increased gross margins in fiscal 2010 are mainly the result of improved margins in the biotechnology and hematology segments due to incremental profit on increased sales volumes.

Selling, general and administrative expenses for the quarter and nine months ended March 31, 2010 increased \$605,000 (8.6%) and decreased \$893,000 (3.5%),

respectively from the quarter and nine months ended March 31, 2009. The increase in selling, general and administrative expense for the quarter ended March 31, 2010 from the comparable prior-year period resulted from higher profit sharing expense of \$290,000 and annual wage, salary and benefit increases. The decrease in selling, general and administrative expenses for the nine months ended March 31, 2010 from the comparable prior-year period was due to lower stock compensation expense of \$343,000 and lower profit sharing expense of \$435,000.

Research and development expenses for the quarter and nine months ended March 31, 2010 increased \$516,000 (8.9%) and \$1.3 million (7.4%), respectively, from the quarter and nine months ended March 31, 2009. The increase in research and development expenses is the result of continuous development and release of new high-quality biotechnology products upon which the Company's future sales revenue growth is dependent.

Interest income decreased \$464,000 and \$3.2 million for the quarter and nine months ended March 31, 2010, respectively, from the comparable prior-year periods, primarily as a result of lower rates of return on cash and available-for-sale investments, offset in part by higher cash and available-for-sale investment balances.

The effective tax rates for the quarter and nine months ended March 31, 2010 were 21.8% and 28.8%, respectively. These effective rates were abnormally low due to the tax benefit received following repatriation of funds from the U.K. to the U.S. Excluding this benefit, the effective tax rates for the quarter and nine months ended March 31, 2010 would have been 33.1% and 32.8% for the quarter and nine months ended March 31, 2010, respectively, as compared to effective tax rates of 32.3% in both of the same prior-year periods. The Company expects its fiscal 2010 effective income tax rate to range from approximately 32.0% to 33.0%.

The Company repurchased 22,862 shares of its common stock during the third quarter of fiscal 2010 for approximately \$1.4 million. Approximately \$66.1 million remains available for the repurchase of shares under currently open authorizations.

Forward Looking Statements:

Our press releases may contain forward-looking statements within the meaning of the Private Litigation Reform Act. Such statements involve risks and uncertainties that may affect the actual results of operations. The following important factors, among others, have affected and, in the future, could affect the Company's actual results: the introduction and acceptance of new biotechnology and hematology products, the levels and particular directions of research by the Company's customers, the impact of the growing number of producers of biotechnology research products and related price competition, general economic conditions, the retention of hematology OEM and proficiency survey business, the impact of currency exchange rate fluctuations, and the costs and results of research and product development efforts of the Company and of companies in which the Company has invested or with which it has formed strategic relationships.

For additional information concerning such factors, see the Company's annual report on Form 10-K and quarterly reports on Form 10-Q as filed with the Securities and Exchange Commission. We undertake no obligation to update or revise any forward-looking statements we make in our press releases due to new information or future events. Investors are cautioned not to place undue emphasis on these statements.

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Techne Corporation has two operating subsidiaries: Research and Diagnostic Systems, Inc. (R&D Systems) of Minneapolis, Minnesota and R&D Systems Europe, Ltd. (R&D Europe) of Abingdon, England. R&D Systems is a specialty manufacturer of biological products. R&D Systems has two subsidiaries, BiosPacific, Inc. (BiosPacific), located in Emeryville, California and R&D Systems China Co. Ltd., (R&D China), located in Shanghai, China. BiosPacific is a worldwide supplier of biologics to manufacturers of in vitro diagnostic systems and immunodiagnostic kits. R&D China and R&D Europe distribute biotechnology products.

TECHNE CORPORATION CONSOLIDATED STATEMENTS OF EARNINGS (In thousands, except per share data) (Unaudited)

	QUARTER ENDED NINE MONTHS ENDED
	3/31/10 3/31/09 3/31/10 3/31/09
Net sales Cost of sales	\$70,278 \$67,866 \$202,333 \$199,066 14,399 14,316 40,629 40,832
e e	55,879 53,550 161,704 158,234
Operating expenses: Selling, general and ac Research and develop	Iministrative 7,666 7,061 24,711 25,604 nent 6,325 5,809 18,870 17,565 gible assets 240 240 720 720
	nses 14,231 13,110 44,301 43,889
Operating income Other income (expense) Interest income	41,648 40,440 117,403 114,345
Total other (expense)	income (209) 401 442 3,594
	taxes 41,439 40,841 117,845 117,939 9,051 13,200 33,964 38,083
Net earnings	\$32,388 \$27,641 \$ 83,881 \$ 79,856
Weighted average community shares outstanding:	\$ 0.87 \$ 0.74 \$ 2.25 \$ 2.10 \$ 0.87 \$ 0.74 \$ 2.25 \$ 2.10

TECHNE CORPORATION CONSOLIDATED BALANCE SHEETS (In thousands) (Unaudited) 3/31/10 6/30/09

ASSETS	
Cash and equivalents	\$108,236 \$160,940
Short-term available-for-sale inve	estments 44,922 41,947
Trade accounts receivable	34,527 29,516
Other receivables	1,395 1,637
Inventory	13,451 11,269
Other current assets	16,791 10,158
Current assets	219,322 255,467
Available-for-sale investments	154,360 61,863
Property and equipment, net	97,745 100,133
Goodwill and intangible assets, no	et 27,352 28,072
Other non-current assets	23,113 26,470
Total assets	\$521,892 \$472,005

LIABILITIES AND STOCKHOLDERS' EQUITY

Current liabilities \$	19,748 \$	15,52	3
Stockholders' equity	502,144	456,4	182
Total liabilities and stockholders' equity	\$52	1,892	\$472,005

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SEGMENT INFORMATION TECHNE CORPORATION AND SUBISIDARIES (in thousands of \$'s, except per share data)

Increase (Decrease) From Fiscal 2009 Fiscal 2010 _____ First Second Third % of First Second Third Qtr Qtr Qtr YTD Sales Qtr Qtr Qtr YTD ----- ----- ----- ----- ----- -----66,534 65,521 70,278 202,333 100% (2,790) 3,645 2,412 3,267 Sales Cost of sales 12,901 13,329 14,399 40,629 20% (185) (101) 83 (203) ----- ----- ----- ----- ----- -----Gross margin 53,633 52,192 55,879 161,704 80% (2,605) 3,746 2,329 3,470 Gross margin percentage 80.6% 79.7% 79.5% 79.9% SG&A expense 8,038 9,007 7,666 24,711 12% (802) (696) 605 (893) R&D expense 6,154 6,391 6,325 18,870 10% 244 545 516 1,305 Amortization 240 240 240 720 -- -- -expense Interest (1,168)(1,156)(1,040) (3,364) (1%) 1,719 1,049 464 3,232 income Other nonoperating ex., net 662 1,011 1,249 2,922 1% (525) 299 146 (80) ----- ----- ------ ----- ----- -----13,926 15,493 14,440 43,859 22% 636 1,197 1,731 3,564 ----- ----- ----- -----Earnings before income taxes 39,707 36,699 41,439 117,845 58% (3,241) 2,549 598 (94) Income taxes 12,935 11,978 9,051 33,964 17% (1,420) 1,450 (4,149)(4,119) ----- ----- -----26,772 24,721 32,388 83,881 41% (1,821) 1,099 4,747 4,025 _____ ____ Diluted earnings per share .72 .66 .87 2.25 Weighted avg. diluted shares

BIOTECHNOLOGY (1) (in thousands of \$'s)

outstanding 37,339 37,353 37,380 37,357

Increase (Decrease) Fiscal 2010 From Fiscal 2009 -----First Second Third % of First Second Third Qtr Qtr Qtr YTD Sales Qtr Qtr Qtr YTD 51,696 50,703 54,236 156,635 100% (2,203) 2,060 518 375 Sales Intersegment (7,668)(8,282)(8,057)(24,007) 94 29 522 645 sales 44,028 42,421 46,179 132,628 (2,109) 2,089 1,040 1,020 Cost of sales 9,885 10,126 11,159 31,170 20% (362) (964) 79 (1,247) Intersegment (7,598)(7,753)(8,336)(23,687) (137) 586 158 607 sales 2,287 2,373 2,823 7,483 (499) (378) 237 (640)

Gross margin 41,741 40,048 43,356 125,145 80% (1,610) 2,467 803 1,660

Gross margin percentage 80.9% 80.0% 79.4% 80.1%

(1) Includes R&D Systems' Biotechnology Division, BiosPacific, Inc. and R&D China

R&D SYSTEMS EUROPE (in thousands of Br. pounds)

Increase (Decrease) Fiscal 2010 From Fiscal 2009 _____ First Second Third % of First Second Third Qtr Qtr Qtr YTD Sales Qtr Qtr Qtr YTD ----- ----- ------ ----- -----10,881 11,462 12,296 34,639 100% 706 265 (420) 551 Sales Cost of sales 5,061 5,288 5,824 16,173 47% 801 (73) (716) 12 ----- ----- ----- ----- -----Gross margin 5,820 6,174 6,472 18,466 53% (95) 338 296 539 Gross margin percentage 53.5% 53.9% 52.6% 53.3% SG&A expense 1,191 1,318 1,260 3,769 11% (33) (46) 69 (10) (87) (79) (68) (234) (1%) 703 504 167 1,374 Interest Exchange loss/ (89) 61 237 209 -- (349) 96 74 (179) (gain) ----- ----- ------ ----- -----1,015 1,300 1,429 3,744 10% 321 554 310 1,185 _____ Pretax result 4,805 4,874 5,043 14,722 43% (416) (216) (14) (646)

R&D SYSTEMS EUROPE (in thousands of \$'s)

 Increase (Decrease)

 Fiscal 2010
 From Fiscal 2009

 First Second Third
 % of First Second Third

 Qtr
 Qtr
 Qtr
 YTD

 Sales
 17,838 18,775 19,161 55,774 100% (1,103) 1,491 868 1,256

 Cost of sales 8,295 8,664 9,071 26,030 47% 364 390 (334) 420

 Gross margin
 9,543 10,111 10,090 29,744 53% (1,467) 1,101 1,202 836

percentage 53.5% 53.9% 52.7% 53.3%

HEMATOLOGY (in thousands of \$'s)

Fiscal 2010 From Fiscal 2009
First Second Third % of First Second Third Qtr Qtr Qtr YTD Sales Qtr Qtr Qtr YTD
Sales 4,668 4,325 4,938 13,931 100% 422 65 504 991 Cost of sales 2,319 2,292 2,505 7,116 51% (50) (113) 180 17
Gross margin 2,349 2,033 2,433 6,815 49% 472 178 324 974
Gross margin percentage 50.3% 47.0% 49.3% 48.9%
SG&A expense 370 366 346 1,082 8% (66) (32) 36 (62) R&D expense 198 201 198 597 4% 5 (2) 11 14 Interest, net (72) (72) (65) (209) (1%) 30 19 15 64
496 495 479 1,470 11% (31) (15) 62 16
Pretax result 1,853 1,538 1,954 5,345 38% 503 193 262 958

CORPORATE AND OTHER (2) (in thousands of \$'s)

Increase (Decrease)Fiscal 2010From Fiscal 2009
First Second Third First Second Third Qtr Qtr Qtr YTD Qtr Qtr Qtr YTD
Interest income 182 184 161 527 (48) (54) (72) (174) Rental income 81 115 83 279 (18) (16) (32) (66)
263 299 244 806 (66) (70) (104) (240)
SG&A expense 982 1,426 728 3,136 2 (367) (47) (412) Other-Building expenses 548 530 593 1,671 (5) (21) 20 (6) Other-Equity Investment losses 338 496 367 1,201 79 210 (39) 250
1,868 2,452 1,688 6,008 76 (178) (66) (168)
Pretax result (1,605)(2,153)(1,444) (5,202) (142) 108 (38) (72)

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(2) Unallocated corporate expenses and Techne's share of losses by Hemerus Medical, LLC and Nephromics, LLC.

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