

PRO DEX INC  
Form SC 13G/A  
February 17, 2010

UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934  
(Amendment No. 3)

Pro Dex, Inc.  
(Name of Issuer)

Common  
(Title of Class of Securities)

74265M106  
(CUSIP Number)

December 31, 2009  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this  
Schedule is filed:

- Rule 13d-1(b)
- Rule 13d-1(c)
- Rule 13d-1(d)

The remainder of this cover page shall be filled out for a reporting  
person's initial filing on this form with respect to the subject class  
of securities, and for any subsequent amendment containing information  
which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not  
be deemed to be 'filed' for the purpose of Section 18 of the Securities  
Exchange Act of 1934 ('Act') or otherwise subject to the liabilities of  
that section of the Act but shall be subject to all other provisions of  
the Act (however, see the Notes).

CUSIP No. 74265M106

1.

- (a) Names of Reporting Persons.  
First Wilshire Securities Management, Inc.

- (b) Tax ID  
95-2844956

2. Check the Appropriate Box if a Member of a Group (See Instructions)

- (a)
- (b)

3. SEC Use Only . . . . .

4. Citizenship or Place of Organization

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California

Number of Shares Beneficially Owned by Each Reporting Person With

5. Sole Voting Power

43,345

6. Shared Voting Power

0

7. Sole Dispositive Power

1,073,321

8. Shared Dispositive Power

0

9. Aggregate Amount Beneficially Owned by Each Reporting Person

1,073,321

10. Check if the Aggregate Amount in Row (9) Excludes Certain Shares  
(See Instructions)

11. Percent of Class Represented by Amount in Row (9)

10.8

12. Type of Reporting Person (See Instructions)

Item 1.

(a) Name of Issuer  
Pro Dex Inc.

(b) 151 EAST COLUMBINE SANTA ANA CA 92707

Item 2.

(a) Name of Person Filing  
First Wilshire Securities Management, Inc.

(b) Address of Principal Business Office or, if none, Residence  
1224 East Green Street, Suite 200, Pasadena, California 91106

(c) Citizenship  
California

(d) Title of Class of Securities  
Common

(e) CUSIP Number

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74265M106

Item 3. If this statement is filed pursuant to 240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:

- (a)  Broker or dealer registered under section 15 of the Act (15 U.S.C. 78c)
- (b)  Bank as defined in section 3(a)(6) of the Act (15 U.S.C. 78c).
- (c)  Insurance company as defined in section 3(a)(19) of the Act (15 U.S.C. 78c).
- (d)  Investment company registered under section 8 of the Investment Company Act of 1940 (15 U.S.C 80a-8).
- (e)  An investment adviser in accordance with 240.13d-1(b)(1)(ii)(E);
- (f)  An employee benefit plan or endowment fund in accordance with 240.13d-1(b)(1)(ii)(F);
- (g)  A parent holding company or control person in accordance with 240.13d-1(b)(1)(ii)(G);
- (h)  A savings associations as defined in Section 3(b) of the Federal Deposit Insurance Act (12 U.S.C. 1813);
- (i)  A church plan that is excluded from the definition of an investment company under section 3(c)(14) of the Investment Company Act of 1940 (15 U.S.C. 80a-3);
- (j)  A non-U.S. institution in accordance with 240.13d-1(b)(1)(ii)(J);.
- (k)  Group, in accordance with 240.13d-1(b)(1)(ii)(K). If filing as a non-U.S. institution in accordance with 240.13d-1(b)(ii)(J), please specify the type of institution:

Item 4. Ownership.

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

- (a) Amount beneficially owned: 1,073,321
- (b) Percent of class: 10.8%
- (c) Number of shares as to which the person has:
  - (i) Sole power to vote or to direct the vote  
43,345
  - (ii) Shared power to vote or to direct the vote  
0
  - (iii) Sole power to dispose or to direct the disposition of  
1,073,321

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(iv) Shared power to dispose or to direct the disposition of

0

Item 5. Ownership of Five Percent or Less of a Class

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following.[ ].

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person.

Item 8. Identification and Classification of Members of the Group

Item 9. Notice of Dissolution of Group

Item 10. Certification

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

February 12, 2010

Date

/S/ Matthew Dunn

Signature

Matthew Dunn

Chief Compliance Officer

Name/Title