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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person * <u>Jacobsen Stein</u>  (Last) (First) (Middle)  RESMED INC. 9001 SPECTRUM CENTER BLVD.  (Street) SAN DIEGO CA 92123  (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>RESMED INC [ RMD ]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below)  COO, Europe
	3. Date of Earliest Transaction (Month/Day/Year) 11/12/2010	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities Acquired (A) or Disposed Of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
ResMed Common Stock	11/12/2010		M		24,000	A	\$23.095	64,222.656	D	
ResMed Common Stock	11/12/2010		S		24,000	D	\$33.2538 <sup>(2)</sup>	40,222.656	D	
ResMed Common Stock	11/12/2010		M		37,500	A	\$21.71	77,722.656	D	
ResMed Common Stock	11/12/2010		S		37,500	D	\$33.214 <sup>(3)</sup>	40,222.656	D	
ResMed Common Stock	11/12/2010		M		6,000	A	\$21.025	46,222.656	D	
ResMed Common Stock	11/12/2010		S		6,000	D	\$33.25	40,222.656	D	
ResMed Common Stock	11/12/2010		M		10,000	A	\$21.675	50,222.656	D	
ResMed Common Stock	11/12/2010		S		10,000	D	\$33.25	40,222.656	D	
ResMed Common Stock	11/12/2010		S		10,222	D	\$33.241 <sup>(4)</sup>	30,000.656	D	

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)**

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
ResMed Common Stock Options	\$23.095	11/12/2010		M			24,000	11/10/2007 <sup>(1)</sup>	11/10/2013	ResMed Common Stock	\$0	0	D	
ResMed Common Stock Options	\$21.71	11/12/2010		M			37,500	08/01/2008 <sup>(1)</sup>	08/01/2014	ResMed Common Stock	\$0	12,500	D	
ResMed Common Stock Options	\$21.025	11/12/2010		M			6,000	11/07/2008 <sup>(1)</sup>	11/07/2014	ResMed Common Stock	\$0	2,000	D	
ResMed Common Stock Options	\$21.675	11/12/2010		M			10,000	10/01/2009 <sup>(1)</sup>	10/01/2015	ResMed Common Stock	\$0	10,000	D	

**Explanation of Responses:**

- Disposition to issuer for tax withholding upon vesting of performance-based Restricted Stock Units granted on 12/17/2009 and vesting 11/11/2010.
- This transaction was executed in multiple trades at prices ranging from \$33.24 to 33.285. The price reported reflects the weighted average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.
- This transaction was executed in multiple trades at prices ranging from \$33.19 to 33.258. The price reported reflects the weighted average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.
- This transaction was executed in multiple trades at prices ranging from \$33.24 to 33.25. The price reported reflects the weighted average sale price. The reporting person will provide full information regarding the number of shares and prices at which the transaction was effected upon request to the SEC staff, the issuer or the security holder of the issuer.

**Remarks:**

Stein Jacobsen

11/16/2010

\*\* Signature of Reporting Person

Date

\* If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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