#### KEITHLEY INSTRUMENTS INC

Form 4

Common

Common

12/27/2007

Shares

December 28	, 2007						
<b>FORM</b>	<b>1 4</b>						APPROVAL
· Ortivi	UNITED S		RITIES AND EXC shington, D.C. 20		COMMISSIO	N OMB Number:	3235-0287
Check this if no long subject to Section 10 Form 4 or Form 5 obligation may continus See Instruction 1(b).	Expires:						
(Print or Type R	desponses)						
1. Name and AcKEITHLEY	ddress of Reporting P JOSEPH P	Symbol	er Name <b>and</b> Ticker or		5. Relationship of Issuer (Che	of Reporting F	
	(First) (M  INSTRUMENTS  AURORA ROAI	(Month/s, 12/27/2	of Earliest Transaction Day/Year) 2007		_X_ Director _X_ 10% Owner _X_ Officer (give title Other (specify below)  Director, Chairman, CEO		
COLON OF	(Street)		endment, Date Origina onth/Day/Year)	l	6. Individual or Applicable Line) _X_ Form filed by Form filed by	One Reporting	Person
SOLON, OF					Person		
(City)	(State) (Z	Zip) Tak	le I - Non-Derivative	Securities Ac	quired, Disposed	of, or Benefic	ially Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	Transaction(A) or Di Code (D)	sposed of 4 and 5)  (A) or	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)
Class B Common Shares					1,954,816	I	Partnership (1)
Class B Common Shares					46,062	I	Trust (2)
Class B							

130,000

54,699

500 (3) D \$

S

D

D

Shares					9.11			
Common Shares	12/27/2007	S	1,000 (3)	D	\$ 9.15	53,699	D	
Common Shares	12/27/2007	S	500 (3)	D	\$ 9.25	53,199	D	
Common Shares	12/27/2007	S	800 (3)	D	\$ 9.31	52,399	D	
Common Shares	12/27/2007	S	200 (3)	D	\$ 9.4	52,199	D	
Common Shares	12/28/2007	S	500 (3)	D	\$ 9.1	51,699	D	
Common Shares	12/28/2007	S	900 (3)	D	\$ 9.2	50,799	D	
Common Shares	12/28/2007	S	100 (3)	D	\$ 9.21	50,699	D	
Common Shares	12/28/2007	S	1,000 (3)	D	\$ 9.25	49,699	D	
Common Shares	12/28/2007	S	500 (3)	D	\$ 9.3	49,199	D	
Common Shares	12/28/2007	S	500 (3)	D	\$ 9.35	48,699	D	
Restricted Common Shares (4)						3,924	D	
Common Shares						2,448	I	Wife

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474

(9-02)

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exercisable and	7. Title and Amount o
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Date	Underlying Securities
Security	or Exercise		any	Code	of	(Month/Day/Year)	(Instr. 3 and 4)
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e	
	Derivative				Securities		
	Security				Acquired		
					(A) or		
					Disposed		
					of (D)		
					(Instr. 3,		

4, and 5)

Common Share Option	\$ 45.125	Code	V	(A)	(D)	Date Exercisable 08/02/2002	Expiration Date 08/01/2010	Title Common Shares	Amount Number Shares 120,00
Common Share Option	\$ 18.41					07/25/2003(5)	07/24/2011	Common Shares	100,00
Common Share Option	\$ 13.76					07/24/2004(5)	07/23/2012	Common Shares	100,00
Common Share Option	\$ 16.12					08/10/2005	07/18/2013	Common Shares	100,00
Common Share Option	\$ 18.75					02/15/2005	07/16/2014	Common Shares	70,00
Common Share Option	\$ 15.05					10/04/2007(5)	10/03/2015	Common Shares	55,000
Performance Award Unit	\$ 0					09/30/2008(6)	<u>(6)</u>	Common Shares	28,50 (6)
Common Share Option	\$ 9.12					11/09/2009(5)	11/09/2017	Common Shares	38,30
Performance Award Unit	\$ 0					09/30/2010(6)	<u>(6)</u>	Common Shares	19,300 (6)

## **Reporting Owners**

Reporting Owner Name / Address			Relationships		
<b>-</b>	Director	10% Owner	Officer	Other	
KEITHLEY JOSEPH P					
KEITHLEY INSTRUMENTS, INC.	X	X	Director, Chairman, CEO		
28775 AURORA ROAD	Λ	Λ	Director, Chairman, CEO		
SOLON, OH 44139					

# **Signatures**

Mark J. Plush, Attorney-in Fact

\*\*Signature of Reporting Person Date

### **Explanation of Responses:**

- \* 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).
- (1) Keithley Investment Co. Limited Partnership
- (2) Joseph F. Keithley 1988 Family Trust reporting person is Trustee
- (3) Shares are being sold pursuant to a pre-existing plan pursuant to rule 10b5-1 of the Exchange Act of 1934.

Reporting Owners 3

- (4) Restricted shares will become fully vested on December 1, 2010
- (5) Date reported applies to 50% of total, one-half of the balance is then exercisable in each succeeding year.
  - Each Performance Award Unit represents the right to receive one common share. The number of units initially awarded, the target, is shown above. The actual number of units that will be awarded and converted to shares is based upon: a) the Company's revenue growth as
- (6) compared to a defined Peer Group and, b) the Company maintaining an acceptable level of profitability during the performance period which ends on the date exercisable (the "vesting date"). Awarded units are automatically converted to shares under the Plan on or before the December 31st following the Vesting Date.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.