

Laser Displacement Sensors, Controller, and Software (B002048)			Keyence Corporation of America	MTI Instruments	
Item	Qty	Description	Unit Price	Unit Price	Different in items
		Keyence Ultra High-Speed/High-Accuracy Laser Displacement Sensors for LK-G5000			*MTI Microtrak II LTC-50-20
1)	1	Series Coarse Targets Wide Spot Type # LK-H057	\$3,564.54	\$2,930.00	* 40KHz
		a. Sampling speed of 392 KHz			
		b. Measurement Range of 20mm			
		c. Standoff distance from target of 50mm			
		d. Repeatability and Resolution of 0.25um (0.001 mil)			
		e. Mounting Mode Diffuse reflection			
		f. Spot diameter 50umx2000um			* 30um
		g. Linearity of ±0.02% of a full scale 20mm range			
		h. Sampling cycle 2.55/5/10/20/50/100/200/500/1000 us, 9 steps selectable			
		i. Expandable to 12 measurement heads			
		j. Built in speed and acceleration calculation functions			* not included
		k. Median, High Pass, Low Pass and Average filtering built in			
		l. Wide spot and Focused spot models			* No wide spot
		m. Connectivity to software via Serial Communication, USB or Ethernet			
		n. Data output options: Analog, Serial, Discrete, BCD, CC-Link and DeviceNet Class II laser			* No Discrete, BCD, CC-Link and DeviceNet Class II laser
2)	1	Main Controller unit/head expansion unit Build-in type # LK-G5001V	\$2,970.45	\$1,292.00	Microtrak II Controller
		a. Sensor Head compatible			
		b. Two connectable sensor heads			* One Connectable sensor heads
		c. RS-232C interface Baud rate 9600 to 115200 bps, data length 8 bits stop bit length, 1 bit parity none/even/odd			
		d. USB interface USB 2.0 Hi-Speed compliant			
		e. Ethernet interface 100Base-TX/10Base-T			* no Ethernet interface
		f. Up to 110 head expansion units can be connected to one main controller			* No 110 head
		g. Either of the CC-Link unit or DeviceNet unit can be connected			* No CC-Link or DeviceNet
		h. Power supply voltage 24 VDC+/- 10%, 0.6A or less with 11 head/ 3.5A or less with 12 heads			* No 3.5A or less with 12 heads
3)	1	Cable between the Head and controller 2m/6.56' for LK-H Series. # CB-A2	254.61	\$309.00	* 3m MKII Series 7500-0340-9
4)	1	Compact Switching Power Supply # MS2-H50, 50W 24V/2.1A	83.17	\$223.00	*24V, 1.3A 85-264VAC 4000-5020

		a. Output Voltage 24V			24V
		b. Input current (100/200 VAC)			
		c. Output current 2.1 A(Class2)			* 1.3A
5)	1	PC Software for LK-H Series # LK-H2	\$594.09	No charge	Microtrak II Remote Software
		Shipping	5.00		
			7,471.86	4,754.00	
		FOB	e	UAHuntsville	
		TERMS	KCA T&C Apply	Net 30	
		WARRANTY	1 years mfg.	one year	
		ESTIMATED DELIVERY	2 weeks ARO	3-4 weeks ARO	
		YOUR REFERENCE NO.	10349240		
		QUOTATION EFFECTIVE UNTIL	4/2/2011	5/1/2011	
		BUSINESS CLASSIFICATION	LB		
		<b>The bid is awarded to Keyence Corporation of America, Inc. as the lowest responsible bidder meeting specs.</b>			