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## Model 1000 Line Scan Vision System



The Model 1000 is the standard base model in this high performance line scan series. The Model 1000 is designed to be easily integrated with a Newton Labs Model 4520/4550 Line Scan Imagers and illumination source for virtually any line scan machine vision requirement.

Technical Specifications	
<b>Construction</b>	
Size:	9.25" x 5" x 9.25"
Weight:	10 lbs.
Enclosure:	NEMA rated extruded aluminum, completely enclosed
Mounting:	Various standard brackets
Processor:	High Performance Embedded MMX
<b>Connections</b>	
Serial:	Standard DB9 for RS232/RS422
Ethernet	10/100 baseT
Power:	85-240 VAC, 47-63 Hz, IEC 320 Connector – IEC 950 Compliant
I/O	DB 37 connector to assure plenty of I/O options
Inputs:	8 digital
Outputs:	16 digital plus 3 for pass, fail, busy/status
Line Scan Imager:	Rugged 10 pin connector
Video Output	BNC connector for vision system output in video format
Illumination:	DB25 connector for illumination source
<b>Operations</b>	
Speed:	Extremely high speed, up to 10 billion pixel operations per second
Set up:	Use with Newton Labs preprogrammed software algorithms for easy set up
Storage Temperature	0 - 150 degrees F
Operating Temperature:	40 - 100 degrees F (optional high and low temperature systems available)