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## Model 5000 Vision System



The Model 5000 is an integrated vision system and imager housed in NEMA rated extruded aluminum enclosure (lens exposed). It is designed as a low cost, single camera unit ready to install on the factory floor. The Model 5000 is most commonly used for color inspection, color recognition, color tracking, color presence absence, color assembly verification and color based guidance.

Technical Specifications	
<b>Construction</b>	
Size:	3.5" x 3.5" x 10"
Weight:	5 lbs.
Enclosure:	NEMA rated extruded aluminum, completely enclosed, lens exposed
Mounting:	Various standard brackets
Processor:	Motorola 68332
Power:	18 to 36 VDC or 12 VDC
<b>Connections - 24 pin NEMA connector</b>	
Serial:	4 x for RS232/RS 422
Power:	2 x
Inputs:	3 x digital
Outputs:	4 x digital plus 3 x for busy, status, trigger
Imager:	2 x
Ground:	4 x
<b>Operations</b>	
Speed:	Track objects of three different colors moving at over 100 feet per second
Resolution:	640 x 480 maximum
Set up:	Use with Newton Labs preprogrammed software algorithms for easy set up
Operating Temperature:	32 - 125 degrees F