The computer will serve you better if it is able to look out for itself!

EMR's Optical Data Digitizer provides direct computer input from a visual source.

Until quite recently, visual data had to be manually or mechanically pre-processed before the computer could synthesize it into meaningful information. The new EMR Optical Data Digitizer has made this off-line pre-processing a thing of the past. With the O.D.D., the computer perceives visual data on-line as it controls dwell and scan—looking out for itself!

By eliminating the pre-processing operation and by permitting the selection of pertinent input, the O.D.D. expands the service capability of the computer into visual applications such as:
- Inspection/quality control
- Film reading and image analysis
- Medical instrumentation
- Astronomy
- Dimensional Analysis

The Optical Data Digitizer creates the binary equivalent of a two-dimensional optical image and thus prepares it for immediate input for the computer. Having complete control over the O.D.D. scan along the X,Y coordinates enables the computer to select the size of each scanning step, choose the direction of the scan, determine the dwell time per element, all with random access capabilities. The computer, based on predetermined instructions, can then perform computations and initiate procedures in accordance with the kind of data it receives.

For technical specifications on the EMR Optical Data Digitizer, fill out the coupon and mail to:

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