

The Digitizer with camera like simplicity and refinement, Designed to excel in your Industrial Application VI-910

Your assurance of highly reliable data

The VI-910 offers the highest level of accuracy and reliability among non-contact digitizers. It excels at accurate and high-speed measurement of a variety of objects. In fact, as evidence of its accuracy, we offer a test report * (by special order) that measures its performance against artifacts traceable to national standards organizations. Konica Minolta is famous for our highly-reliable, measuring instruments that conform to ISO 9000 standards.

* VI-910 Certification of Performance is available by special order. KM offers a certification quantifying the VI-910's accuracy when measuring traceable artifacts. This service is of benefit to those who are implementing the ISO 9000 series of standards for quality assurance systems.

Measures objects of every size.

The VI-910 is provided with three interchangeable lenses that can accommodate measurement objects of various sizes and distances from the lens. A single scan is capable of capturing an angular field of view of approximately 10 square centimeters to 1 square meter.

Automatic configuration of detailed settings

The VI-910 incorporates the same automatic focus technology used in modern cameras. The optimal measurement distance is automatically detected through both passive and active AF (autofocus). In addition, the optimal laser intensity is obtained automatically through AE technology. The result is highly reliable measurements.

Provides 24-bit color images for outstanding texture mapping.

The CCD and RGB filter acquire rich, 24-bit full-color images. Since the acquired color images are on the same optical axis as the 3-D data, they can be used to create stunning, true-color models.



High-speed scanning capability

VI-910 is capable of capturing an object's shape and color in as little as 2.5 seconds. Our proprietary CCD readout technology measures up to 300,000 points at unsurpassed speed. When the subject is a moving object e.g. children, the human body and for other applications requiring higher speeds, an even faster mode is available that can complete a scan in a mere 0.3 seconds.

Fine Mode : 307,200 points/2.5 seconds

Fast Mode : 76,800 points/0.3 seconds

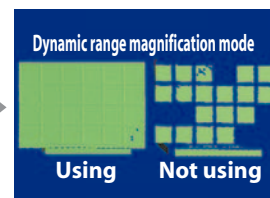
Designed to be portable and versatile

The VI-910 features a lightweight and compact body. It can operate without a host computer by recording data onto Compact Flash memory card. VI-910's integral LCD viewfinder can be used to set camera parameters and as a view-finder to frame the shot or review the data. As a result, the VI-910 offers convenience similar to that of a digital camera, so you can operate it wherever your subject may be located.



Dynamic range magnification mode

Objects with very dark to very bright regions are no longer a problem. The dynamic range magnification mode reduces the need for surface processing of objects with high-contrast surfaces (surfaces with both very light and very dark areas). This feature enables you to complete a measurement in only one operation.



Benefit from the wide-ranging support provided by Konica Minolta, a leading maker of measuring instruments.

The VI-910 incorporates the services and expertise developed by Konica Minolta in the field of industrial measuring instruments such as colorimeters and measuring instruments for displays. We ensure your satisfaction by offering a wide range of optional support programs; that includes a periodical calibration service, a training by factory certified trainers and a network of consultants and systems integrators for custom installations.