KENOVA measure line VHE

Fast, Accurate, Easy. Measure On.

KELCH

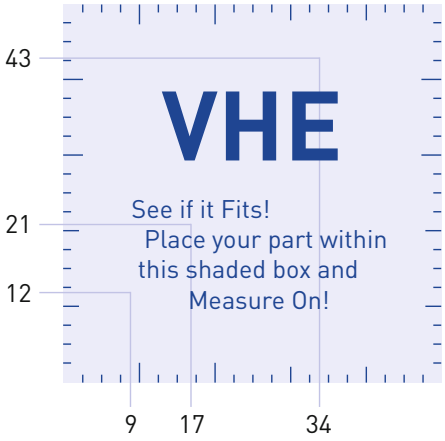
Features:

- Continuous image acquisition
- Instant measurements
- Simultaneous measurement of multiple dimensions
- Accurate to ± 3 µ
- Precision optics
- User friendly full-feature software
- Dimensions saved on the Kelch KENOVA measure line VHE database
- Automatic inspection reporting
- Quality, robust construction
- Ready to inspect
- Three different fields of view:
  1. 12 x 9 mm
  2. 21 x 17 mm
  3. 43 x 34 mm

The KENOVA measure line VHE is our premier optical profile inspection system that combines accuracy and precision with a fast, easy to use operator interface.

The KENOVA measure line VHE allows users to measure multiple dimensions on a part simultaneously and instantly. The measurements show up on an easy-to-read drawing dimensioning format and are saved in the KENOVA measure line VHE for inspection archival or for built-in quality control reporting.

The powerful software behind the scenes converts the captured image into real dimensional data that measures the part to an accuracy of ± 3 µ.



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Item no.: 1066734

KENOVA measure line VHE

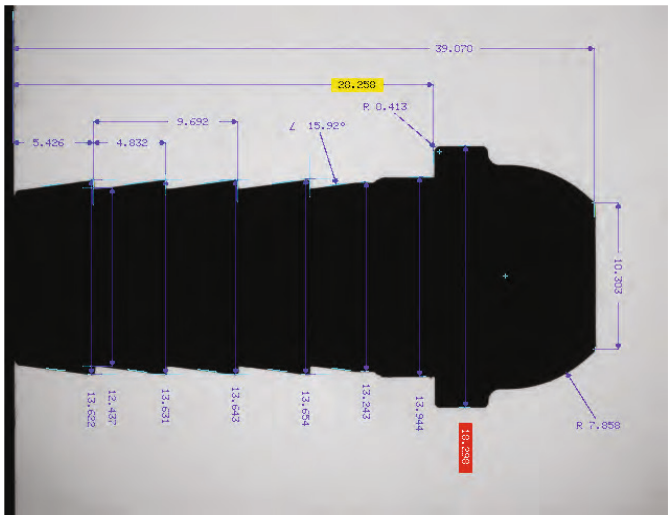
Fast, Accurate, Easy. Measure On.

The KENOVA measure line VHE features the most advanced reliable software in the industry. Thanks to its speed, accuracy and ease of use, the KENOVA measure line VHE will quickly become the most valued addition to your Quality Control Department!

The KENOVA measure line VHE works by utilizing an LED light source to collimate precise rays through a series of specially designed diffusers and lenses that shine across the part to be inspected. That image is then captured by a very specific telecentric optical lens, which results in a perfect monochrome profile of the inspected part. The part profile is then digitally captured with a specially designed camera system and transferred to the custom onboard computer where the software does the rest. The image is analyzed and measurement data is displayed on-screen.

The KENOVA measure line VHE operates by casting a "Shadow" of a part to be inspected and capturing that image in a digital format to be analyzed by an on board computer. The powerful software behind the scenes converts the captured image into real dimensional data that measures the part to an accuracy of 3 µ! When a part is placed in the KENOVA measure line VHE, the user will see a digital image of the profile of the part to be inspected. KENOVA measure line VHE can search and automatically find the appropriate part inspection program that includes the dimensions the user wishes to measure. The KENOVA measure line VHE captures images in real-time, so regardless of the number of dimensions, every time another part is placed into the KENOVA measure line VHE, each and every measurement is simultaneously and instantly updated.

The software also includes a colour-coded display panel that shows the actual measured dimension and the user defined upper and lower limits (tolerances). Pass/Fail indications are easily identifiable for all measurements. The KENOVA measure line VHE features built-in quality control inspection reporting. Measurements taken by the KENOVA measure line VHE are recorded in the unit as parts are inspected. Those dimensions can be imported into the KENOVA measure line VHE Inspection Reporting feature which will create a custom report that can be printed or saved in the KENOVA measure line VHE for future retrieval. The Quality Control report can be created for the dimensions of a single inspected part or for a group of parts in an entire production run.



Name	Meas'd	LSL	Status	USL
DIST02	10.303	10.250		10.350
DIST03	39.070	38.900		39.100
DIST04	28.258	28.250		28.350
DIST05	5.426	5.300		5.500
DIST06	4.832	4.750		4.950
DIST07	9.692	9.600		9.800
DIA01	13.243	13.230		13.270
DIA02	13.944	13.900		14.000
DIA03	18.298	18.230		18.270
CIRC01	7.858	7.750		7.950
CORNR03	0.413	0.300		0.500
DIA04	13.622	13.500		13.700
DIA07	13.654	13.500		13.700
DIA09	12.437	12.300		12.500
DIA01	13.643	13.500		13.700
DIA02	13.631	13.500		13.700
ANGLE01	15.92°	15.00°		17.00°

Your dealer:

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