PEAK Measuring Microscope 2008 Series



The PEAK 2008 series Measuring Microscopes are small, lightweight and portable microscopes designed to go beyond the most powerful measuring magnifier (30x), and still be more compact than other microscopes from Peak, such as 2034 series.

Smooth focusing is achieved by turning the precision coaxial tube. The eyepiece can also be focused on the scale, which, in contrast to the 2034 series, is not installed in the eyepiece. The measuring scale is installed separately in a small recess above the focusing ring. The top half of the tube can be unscrewed for easy replacement of the measuring scale. The scale can also be rotated inside the microscope making it unnecessary to turn the entire instrument during use.

Two additional scales are available with metric or inch graduations. These allow simple length measurements as well as determination of angles. No interchangeable objectives are available for the 2008 measuring microscopes.

Depth measurements to an accuracy of 0.1mm are obtained by using the scale engraved on the focusing ring together with the needle on the coaxial tube. Simply focus on different levels of an object and read the difference off this scale.

A small, handy transport box prevents damage to this precision instrument which weighs only 82 grams. The clear acrylic base as well as the eye cup can be ordered as replacement parts.

An eight megapixel, miniature USB camera with integrated lense and auto focus feature can be ordered and easily attached to the eyepiece with the aid of an adaptor. This allows images to be viewed and saved on a laptop or PC either using the original camera driver software (in English only) or with Metric BE software (24 languages). The images from this compact industrial grade camera are particularly impressive.









Specification

	2008-25	2008-50	2008-75	2008-100
Magnification factor	25 x	50x	75x	100x
Focusable	Yes	Yes	Yes	Yes
Scale focusable	Yes	Yes	Yes	Yes
Field of view	3.3 mm	2.0 mm	1.09 mm	0.84 mm
Measuring length	3.0 mm	1.6 mm	1.0 mm	0.8 mm
Scale	0.05 mm	0.02 mm	0.01 mm	0.005 mm
Working distance	17.0 mm	11.7 mm	10.8 mm	11.6 mm
Numerical aperture	0.11	0.18	0.22 mm	0.22 mm
Focal length	19.8 mm	14.9 mm	9.9 mm	9.9 mm
Dimensions	42 x 122 mm	42 x 122 mm	42 x 122 mm	42 x 112 mm
Weight	82 grams	82 grams	82 grams	82 grams
Case	Included			
Standard scale	Included as standard feature			
Display	Mirror image			

Prices

Order no.	Description	Price excl. VAT.
2008-25	2008-25 Measuring microscope with scale 0,05 mm, 25x	£136.00
2008-50	2008-50 Measuring microscope with scale 0,02 mm, 50x	£145.00
2008-75	2008-75 Measuring microscope with scale 0,01 mm, 75x	£155.00
2008-100	2008-100 Measuring microscope with scale 0,005 mm, 100x	£177.00

PEAK accessories for measuring microscope 2008



PEAK Illumination for 2008

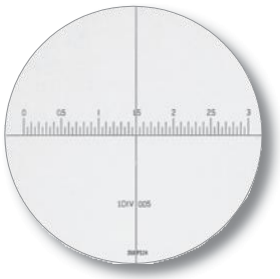
An illumination unit is offered as an important accessory. It facilitates measurements on dark surfaces as well as under poor light conditions. Power is supplied by two 1.5 Volt AA batteries (not included). It is necessary to screw out the acrylic base to install the illumination unit. The light then fits from above into the acrylic base and arrests in a retaining groove. The large contact surface of the unit also increases the stability of the entire microscope/illumination unit combination

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Order no.	Description	Price excl. VAT.
2008-L.H	Illumination for 2008 series	£23.00

PEAK Measuring Scales for 2008

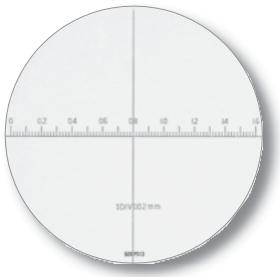
These four scales are the standard scales included with measuring microscope 2008 (metric version). The scales can be exchanged by simply screwing off the top part of the microscope.



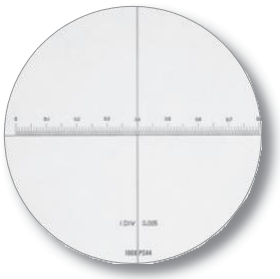
Scale PS-24



Scale PS-13



Scale PS-34



Scale PS-44

Order no.	Description	Price excl. VAT.
PS-24	PS-24 Scale for 2008-25 - Black	£23.00
PS-13	PS-13 Scale for 2008-50 - Black	£23.00
PS-34	PS-34 Scale for 2008-75 - Black	£23.00
PS-44	PS-44 Scale for 2008-100 - Black	£23.00

These four scales include the standard incrementation and, in addition, various angle graduations (metric version).



Scale PS-25



Scale PS-14



Scale PS-35



Scale PS-45

Order no.	Description	Price excl. VAT.
PS-25	PS-25 Scale for 2008-25 - Black	£23.00
PS-14	PS-14 Scale for 2008-50 - Black	£23.00
PS-35	PS-35 Scale for 2008-75 - Black	£23.00
PS-45	PS-45 Scale for 2008-100 - Black	£23.00

The scales shown below have incrementation in inches and, in addition, angle graduations. The Inch increments are for 25x = 0.005“, 50x 0.002“, 75x 0.001“ and 100x 0.0005“.



Scale PS-26



Scale PS-15



Scale PS-36



Scale PS-46

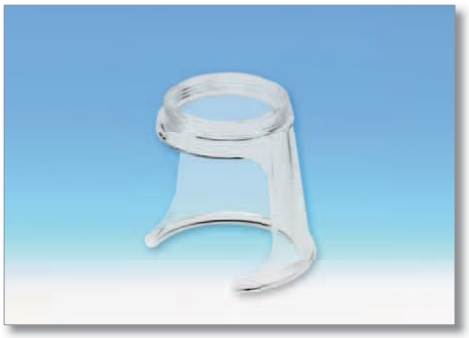
Order no.	Description	Price excl. VAT.
PS-26	PS-26 Scale for 2008-25 - Black	£23.00
PS-15	PS-15 Scale for 2008-50 – Black	£23.00
PS-36	PS-36 Scale for 2008-75 – Black	£23.00
PS-46	PS-46 Scale for 2008-100 – Black	£23.00



Light for microscope holder with illumination

Batteries not included

Order no.	Description	Price excl. VAT.
ELM	ELM Light for microscope holder with illumination (batteries not included)	£20.00



Acrylic base for 2008 Microscope

Order no.	Description	Price excl. VAT.
KF-2008	KF-2008 Acrylic base for 2008 Microscope	£20.00



Eye Cup for 2008 Microscope

Order no.	Description	Price excl. VAT.
GR-2008	GR-2008 Eye cup	£10.00



Transport Box for 2008 microscope

Order no.	Description	Price excl. VAT.
Box-2008	Box-2008 Transport box for 2008 microscope	£20.00



USB Camera

An eight megapixel, miniature USB camera with integrated lens and autofocus feature can be attached simply to the eyepiece with the aid of an adapter. This allows images to be saved quickly on a laptop or PC. It is possible to use either the original camera driver software (in English only) or combine the system with the Metric BE software (image visualisation and storage), which offers significantly more convenient operation. The quality of the images obtained with this high end industrial camera are impressive.

Order no.	Description	Price excl. VAT.
1008-XS-ADP	USB 2.0 Camera with special adaptor	£680.00