

# Elcometer 7220 Microscope with Reticules



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## Elcometer 7220 Microscope with Reticules

A small robust and handy microscope with battery operated removable lighting unit.

Different magnifications are available with scales graduated in mm.

Ideal for surface inspection and crack width determination.

- x20; 0.1 mm graduations
- x60; 0.02 mm graduations
- x200; 0.002 mm graduations
- x40; 0.05 mm graduations
- x100; 0.01 mm graduations
- x300; 0.001 mm graduations

## Inspection Accessories

During inspection sometimes the substrate or coating requires closer investigation. In dark or shaded areas, such as in ballast tanks or large production sites, etc., further investigation may require additional light.

It may be necessary to take a closer look at a specific area where you cannot get to. In this case an inspection mirror is required. For close up investigations the inspector may require magnification of the surface for a clearer understanding.

### At a glance

- Robust, handy microscope ideal for surface inspection & crack width determination.
- Six different versions available with up to x300 magnification.
- Complete with battery operated removable lighting unit.

Model	Description	Magnification	Part Number
Elcometer 7220/1	Microscope with Graduated Reticule	x20	K0007220M001
Elcometer 7220/2	Microscope with Graduated Reticule	x40	K0007220M002
Elcometer 7220/3	Microscope with Graduated Reticule	x60	K0007220M003
Elcometer 7220/4	Microscope with Graduated Reticule	x100	K0007220M004
Elcometer 7220/5	Microscope with Graduated Reticule	x200	K0007220M005
Elcometer 7220/6	Microscope with Graduated Reticule	x300	K0007220M006

## Related products



Elcometer 900

This very simple graduated x50 magnification microscope is an ideal gauge for measuring the size of cracks in concrete. With its internal illumination the User can quickly determine the crack width by counting the number of graduations and calculating the value.



Elcometer 143

This simple, low cost gauge has been designed to provide inspectors with an alternative to a graduated microscope for determining the width of a crack in concrete or other building materials.



Elcometer 7210

The Elcometer 7210 is pocket size and an extremely practical microscope for site inspections. Having x30 magnification and a built-in light source, the Elcometer 7210 Pocket Microscope is the ideal choice for close up investigation of coating defects and surface cleanliness.



Elcometer 132

Many environments can have low light or dark areas; ballast tanks, oil and gas tanks, etc. It is imperative, not only for safety reasons but also to be able to inspect the coating adequately, to have sufficient light. Explosion proof and meeting the ATEX directive as category 2 equipment, this torch is also approved to the latest EN Standards for electrical apparatus for potential explosive atmospheres.



Elcometer 131

Inspection mirrors are ideal for inspecting difficult to access areas - inside pipes, behind corners, underneath inspection tanks and other inaccessible or awkward areas. Elcometer have both telescopic and illuminated versions to help the inspection process.



Elcometer 137

From time to time a closer inspection of a surface is required to ascertain the exact conditions of the material profile, cleanliness etc. Furthermore, many environments can be in low light or dark areas - ballast tanks, oil and gas tanks, etc. The Elcometer 137 Illuminated Magnifier is the ideal product for the job.

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