

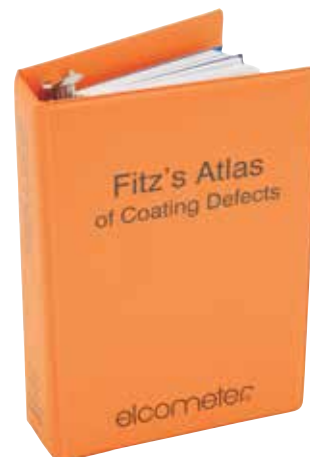
Fitz Elcometer Fitz's Atlas 2 of Coatings Defects

The Elcometer Fitz's Atlas 2 of Coating Defects (EFA) takes the reader through a comprehensive range of problems and discusses each in detail.

EFA provides the User with a greater understanding of the defect, the probable cause and possible solutions. With in excess of 180 colour photographs, the user can quickly gain an insight into the coatings industry and the possible pitfalls.

Sections:

- Welding Faults: welds, cracks, surface porosity, undercut
- Surface Conditions: surface preparation, oil contamination, skip weld
- Coatings Defects: a comprehensive list of possible defects including blistering, bloom, chalking, cracking, erosion, fish eyes, orange pee
- Microcopy: blisters, bubbles, delamination, pinholes, voids, weed fouling
- Marine Fouling: animal fouling, barnacles, molluscs, weed or algae fouling



Technical Specification

Part Number	Description
H99916043	Elcometer Fitz's Atlas 2 of Coating Defects
Dimensions	223 x 220 x 70mm (9 x 8.6 x 3")
Weight	0.45kg (1lb)

Алматы (7273)495-231
Ангарск (3955)60-70-56
Архангельск (8182)63-90-72
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Орел (4862)44-53-42
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Elcometer 144 Paint Safe Marker Pens

Paint Safe Marker Pens are used to highlight visual areas of non conformance, providing a clear indication of areas where rework or other processes need to be carried out.

The Marker pen has been specially selected for use as an inspection marker for all types of large steel fabrications which include both coated or uncoated ships and offshore structures.

The pen which is available in black, is ideal for marking in the most sensitive areas.



Technical Specification

Part Number	Description
H144-----1	Elcometer 144 Paint Safe Marker Pens (pack of 5)

Elcometer 132 Safety Torch / Flash Light

Many environments can have low light, dark areas or explosive gas present; ballast tanks, oil and gas tanks, etc. It is imperative for safety reasons to be able to inspect the coating adequately and to have sufficient light.

The Elcometer 132 Safety Torch/Flash Light is explosion proof and meets the ATEX directive as category 2 equipment.

It is approved to the latest EN Standards for electrical apparatus for potential explosive atmospheres. This allows for use in Group II applications zones 1 and 2, IIA and IIB gases, where T4 temperature class permits.



Technical Specification

Part Number	Description
H132---1A	Elcometer 132 Safety Torch/Flash Light
Battery Type	2 x LR20 (D)
Dimensions	200 x 60 mm (7.8 x 2.4")
Weight	150g (5.3oz) without batteries
Packing List	Elcometer 132 Safety Torch/Flash Light and operating instructions

Elcometer 900 Illuminated (x50) Microscope

The Elcometer 900 is a very simple, graduated x50 microscope with internal illumination.

This allows the user to quickly determine the width by counting the number of graduated reticules on the scaled lens and then calculating the value.



Technical Specification

Part Number	Description		
W90018568-D	Elcometer 900 Microscope		
Battery Type	1 x AAA battery		
Dimensions	120 x 43 x 115 mm (4.7 x 1.7 x 4.5")	Weight	145g (0.31lb)
Packing List	Elcometer 900 Illuminated Microscope and operating instructions		

Elcometer 7210 Pocket (x30) Microscope

The Elcometer 7210 is pocket size making it an extremely practical microscope for site inspections.

Having x30 magnification and an inbuilt light source, the Elcometer 7210 Pocket Microscope is the ideal choice for close up investigation of defects and surface cleanliness.

**Technical Specification**

Part Number	Description
KT007210M001	Elcometer 7210 Pocket Microscope
Battery Type	2 x AA batteries
Dimensions	140 x 50 x 22mm (5.5 x 2 x 0.9")
Weight	68g (0.14lb)
Packing List	Elcometer 7210 Pocket Microscope, 2 x AA batteries and operating instructions

Elcometer 137 LED Illuminated (x10) Magnifier

From time to time a closer inspection of a surface is required to ascertain the exact conditions of the material's profile, cleanliness etc.

The Elcometer 137 LED illuminated magnifier is the ideal product for the job as many environments can be in low light or dark areas - ballast tanks, oil and gas tanks, etc.

- Lightweight, battery powered, portable magnifier
- Ideal for viewing surface comparators
- x10 magnification for close surface inspection
- Scaled lens for easy measurement of surface features

**Technical Specification**

Part Number	Description
H137-----1	Elcometer 137 LED Illuminated Magnifier
Battery Type	2 x LR14 (C)
Dimensions	33 x 215mm (1.3 x 8.5")
Weight	236g (0.52lb)
Packing List	Elcometer 137 LED Illuminated Magnifier and operating instructions

Elcometer 147 Weld Gauge

The Elcometer 147 Weld Gauge measures many aspects of welds in both Metric and Imperial units and includes:

- angle of preparation 0 to 60°
- misalignment (high - low)
- fillet weld throat size
- fillet weld length
- 2mm (0.79") edge roundness test
- excess weld metal (capping size)
- depth of undercut
- depth of pitting
- general linear measurements up to 60mm (2")



Technical Specification

Part Number	Description
H147-----1	Elcometer 147 Weld Gauge
Angle of Preparation Scale	0 - 60° in 5° divisions
Misalignment Scale	0 - 25mm in 1mm divisions and 0 - 1" in 1/16" divisions
Fillet Leg & Excess Weld Scale	0 - 25mm in 1mm divisions and 0 - 1" in 1/16" divisions
Fillet Throat Scale	0 - 20mm in 1mm divisions and 0 - 3/4" in 1/16" divisions
Undercut Scale	0 - 4mm in 1mm divisions and 0 - 1/4" in 1/16" divisions
Dimensions	100 x 68mm (3.9 x 2.7")
Weight	154g (5.4oz)
Packing List	Elcometer 147 Weld Gauge and instruction card

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Elcometer 131 Inspection Mirrors

Ideal for inspecting difficult to access areas
- inside pipes, behind corners, underneath
inspection tanks, and other inaccessible or
awkward areas.

Combined with the full range of test equipment from
Elcometer, these high quality, robust mirrors help to provide
a detailed examination of the component or project under
inspection.



Technical Specification



Part Number	Description
H131---1A	Elcometer 131/1A Telescopic Inspection Mirror
Dimensions	Extends from 520mm (20.5") to 1500mm (59") Mirror diameter: 63mm (2.5")
Weight	650g (1.43lb)
Packing List	Elcometer 131 Inspection Mirror



Part Number	Description
H131---1B	Elcometer 131/1B Telescopic Inspection Mirror
Dimensions	Extends from 165mm (6.5") to 925mm (36") Mirror diameter: 57mm (2.25")
Weight	100g (0.22lb)
Packing List	Elcometer 131 Inspection Mirror



Part Number	Description
H131---1C	Elcometer 131/1C Telescopic Inspection Mirror
Dimensions	Extends from 165mm (6.5") to 750mm (29.5") Mirror diameter: 82mm (3.25")
Weight	100g (0.22lb)
Packing List	Elcometer 131 Inspection Mirror



Part Number	Description
H131---2A	Elcometer 131/2A Illuminated Inspection Mirror (Battery Type 2 x LR14 C)
Dimensions	Mirror diameter: 63mm (2.5")
Weight	650g (1.43lb)
Packing List	Elcometer 131 Inspection Mirror