

User Guide

Elcometer 224

Convex Surface Profile Probe

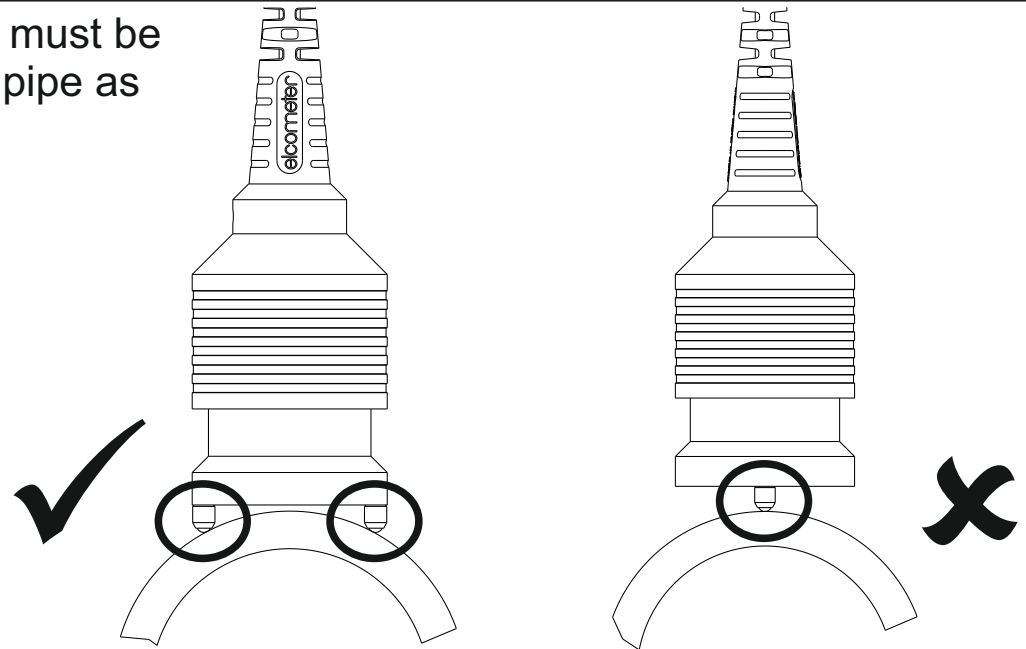
1 CONNECTING THE PROBE

- 1 Rotate the probe plug to align the pins
- 2 Screw in the collar - clockwise



2 POSITIONING THE PROBE

For accurate and stable measurements, the probe must be positioned correctly with the probe feet across the pipe as illustrated.



3 TECHNICAL SPECIFICATION

Fitted with a tough tungsten carbide user replaceable tip suitable for up to 20,000 readings and available with standard or armoured metal reinforced heavy duty cable, each convex surface profile probe is supplied with an Elcometer Test Certificate, glass zero tile and calibration foils; nominal values 125µm (5mil) & 500µm (20mils).

Flat surface profile probes are also available - contact Elcometer or visit www.elcometer.com for details.

Range	0 - 500µm (0 - 20mils)
Resolution	1µm (0.1mil)
Accuracy	±5% or ±5µm (±5% or ±0.2mil)

Sales Part Number	Probe Design[†]	Minimum Headroom	Minimum Pipe Diameter
T224C500UX	Separate Convex Surface Profile Probe: Standard	135mm (5.31")	75mm (3")
T224C500UXARM	Separate Convex Surface Profile Probe: Armoured	175mm (6.89")	75mm (3")

[†] Applicable Patents: GB2505193, US9261345

4 SPARES

Description

Replacement Tip (Pack of 2) with Fixing Tool
 Replacement Tip (Pack of 5)
 Replacement Probe Foot (Pack of 2)
 Replacement Foil Set; 125µm (5mil) & 500µm (20mils)

Sales Part Number

T22420053
 T22420095
 T224C23685
 T99022255-9

The Elcometer 224 Convex Surface Profile Probe is packed in a cardboard package. Please ensure that all packaging is disposed of in an environmentally sensitive manner. Consult your local Environmental Authority for further guidance.

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