

PosiTest[®] PG

破坏法涂层测厚仪

美国 DeFelsko 公司 PosiTestPG 使用经过验证的有损技术，测量任何基体上一层或多层涂层的厚度。符合 ISO 2808/19399, ASTM D4138, JIS K 5600-1-7 和 NF T30-123 标准。

特点

- ❖ 适用最大 1250 μ m 的涂层，具体取决于切割刀头--包括 1X、2X 和 10X 刀头(可选 5X 刀头)
- ❖ 耐用的阳极氧化铝外壳，带有旋转式切割刀头支架，可安全固定多达四个切割刀头，随时使用
- ❖ 配备强大的 50 倍显微镜，具有精密光学器件和可旋转的公制/英制刻度盘，用于快速准确的测量
- ❖ 大视野提供了舒适的眼部距离，无论是否戴眼镜均可观测
- ❖ 内置超亮光源，具备简单的开关控制和自动定时功能，以节省电池寿命
- ❖ 使用一节易于更换的 7 号电池
- ❖ 包括按照国际标准进行测试所需的所有工具和配件
- ❖ 包含可追溯至 NIST 的校准证书



配置包括

PosiTest PG、3 个切割刀头(1X/2X/10X)、1/8"内六角扳手、一节 7 号电池、黑色记号笔、可追溯 NIST 的校准证书、说明书、仪器箱



订货指南

PosiTest PG 套装	PGKIT
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可更换的硬质合金切割刀头

1X	45°	PGCUTTER1X
2X	26.6°	PGCUTTER2X
5X	11.3°	PGCUTTER5X
10X	5.7°	PGCUTTER10X

技术参数

刀头	转换系数	测量范围	每个刻度厚度
1X	1	0~1250 μ m/0~50mils	20 μ m/1mils
2X	0.5	0~625 μ m/0~25mils	10 μ m/0.5mils
5X	0.2	0~250 μ m/0~10mils	4 μ m/0.2mils
10X	0.1	0~125 μ m/0~5mils	2 μ m/0.1mils

PosiTest[®] PG

Paint Inspection Gage

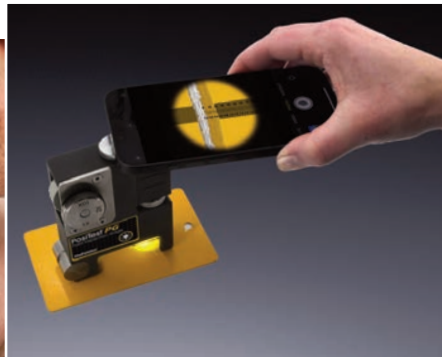
Measures the thickness of one or multiple layers of coating on any substrate using a proven destructive technique

Features...

- Ideal for coatings up to 1,400 µm (55 mils) depending on cutting tip—1x, 2x, and 10x tips included (5x cutting tip available)
- Durable anodized aluminum housing with rotating cutting tip holder keeps up to four cutting tips secure and ready for use
- Powerful 50x microscope with precision optics and rotating scale in mils and microns for quick and accurate measurement
- Large field of view provides a comfortable eye distance with or without glasses
- Integrated bright white light with easy on/off and automatic timer to conserve battery life
- Uses one, easy to change AAA battery
- Includes all tools and accessories required for testing in accordance with national and international standards
- Certificate of Calibration showing traceability to NIST included
- Two year warranty



light switch



PosiTest PG Kit

Each Kit comes complete with gage with both Imperial and Metric scales, 3 cutting tips (one each for 1x, 2x, and 10x), 1/8" hex key, permanent black marker, 1 AAA battery, Certificate of Calibration, and instructions in a custom case.

Ordering Guide

PosiTest PG Kit	PGKIT
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Replacement Tungsten Carbide Cutting Tips

1X	45°	PGCUTTER1X
2X	26.6°	PGCUTTER2X
5X	11.3°	PGCUTTER5X
10X	5.7°	PGCUTTER10X

Conforms to ISO 2808/19399, ASTM D4138, JIS K 5600-1-7, and NF T30-123

Conversion Chart

Cutting Tip	Conversion Factor	Each Graduation Measures	
		Microns	Mils
1X	1	20	1
2X	0.5	10	0.5
5X	0.2	4	0.2
10X	0.1	2	0.1

DeFelsko[®]
Inspection Instruments

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