

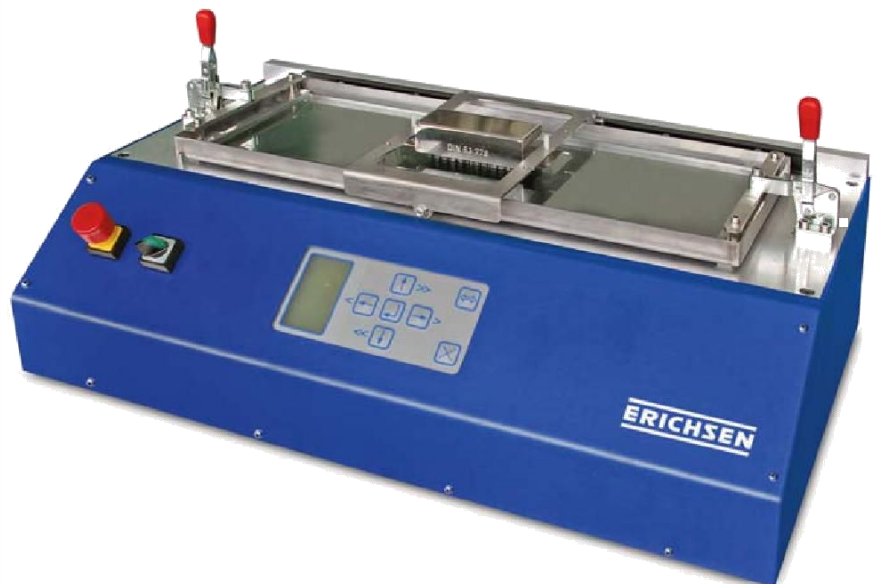
耐擦洗试验机 494 MC

按键操作
液晶屏显示

擦洗速度 和 擦洗路径可调

可存储**20**个测试程序

同时可进行 **3**
个耐擦洗测试



testing equipment for quality management

ERICHSEN
since 1910

Technical Description

DIN 53 778-2
ASTM D 2486
DIN EN ISO 11998

用于评估耐擦洗性能

应用

ERICHSEN耐擦洗试验机494 MC主要用于评估油漆涂层的耐擦洗性. 测试参数可灵活设置也可用于客户特殊的测试用途如测试清洁剂等.

测试原理（摘录原标准）

a) Test in accordance with DIN 53 778- 2 *)

The scrub body is a defined pig bristle brush, which is charged with 250 g. The washing fluid is continuously fed by a micro dosing pump. Whether the contamination has been removed or the coating is scrubbed through to the substrate, will be checked after an agreed number of scrubbing cycles.

*) withdrawn, replaced by DIN EN ISO 11998

b) Test in accordance with ASTM D 2486

The scrub body is a defined nylon brush, which is charged with 454 g. The washing liquid is applied manually during the test at regular intervals and in a defined amount. For sharpening the wear effect of the scrubbing action, a narrow thin strip of metal sheet will be placed centrally and transversely to the stroke direction under the foil. The test result is the number of double strokes up to scrubbed through to the substrate.

c) Test in accordance with DIN EN ISO 11 998

The scrubbing body is a defined type of abrasive pad **) loaded with 135 g, which is moistened prior to the test only once with a defined quantity of the washing fluid. After scrubbing strain (200 double strokes) the mass loss per unit area of the coating and the average layer thickness loss will be determined.

**) Abrasive pad "3M Scotch Brite, No. 7448" can be obtained from the local dealer.

工作原理

仪器底部螺丝可调水平，上面装有钢槽用于测试. 两侧配备样品夹紧装置.通过精密地步进马达和微处理器确保运行速度准确可靠，具有极高的重复性. 可旋转的摩擦刷固定架可以同时安装3个摩擦刷，这样可以同时进行3个测试.

通过按键和6位显示屏进行操作，具有以下功能:

- 控制行程 (启动，停止,重置),
- 设置测试参数 (摩擦速度, 路径,摩擦次数),
- 可存储最多20个测试程序.

技术参数

尺寸 (WxDxH)	(590 x 370 x 280) mm
重量 (净重)	approx. 22 kg
电源 (适配器)	(100 - 240) VAC (47 - 63) Hz, 24 VDC / 3 A
摩擦速度	(5 - 70) 次/min
摩擦路径	(10 - 300) mm,

Order Information	
Order-No.	Product-Description
0301.01.31	Washability and Scrubbing Resistance Tester, Model 494 MC
供货范围:	
◆ 不锈钢钢槽，带流嘴	
◆ 玻璃板	
◆ 水平仪	
◆ ISO 适配器	
◆ 电源适配器	
◆ 说明书	

Accessories	
Order No.	Product-Description
0068.01.32	DIN Equipment Pig bristle brush, brush holder, rubber lining
0068.02.32	ASTM Equipment Nylon brush, brush holder, rubber lining, clamping frame with seal, 2 metal strips
0787.01.32	摩擦垫固定板 符合 DIN EN ISO 11998
0087.01.32	微型计量泵
0070.01.32	PVC foil, black, fine matt finish size (430 x 165) mm
0070.02.32	PVC foil, black, fine matt finish size (430 x 280) mm

The right of technical modifications is reserved.
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