

©Copyright HTech Messtechnik GmbH. 2013.

All materials contained in this manual and in the HTech Messtechnik GmbH Web Site, including web pages and their derivatives including but not limited to its products or service, which are created or developed on the basis of HTech Messtechnik GmbH copyright, are the intellectual property of HTech Messtechnik GmbH or its affiliated companies. Without prior written consent by HTech Messtechnik GmbH, any reproduction, modification, storage in a retrieval system or retransmission, or tied sale with other products in any form or by any means, regarding any part of the above products, service, information and materials, electronic, mechanical or otherwise, is illegal and strictly prohibited.

Please visit our website [www.htech-mt.de](http://www.htech-mt.de) for copy of operation manual.

**HTechMT****CO100  
Wet Film Comb****Operation Manual**

Section	Page
1.Introduction	1
2.Packing List	1
3.Procedure	1
4.Technical Data	2
5.Related Products	2
6.Contact	2
7.QR Code	3

**Introduction**

The wet film comb is a simple tool for measuring the thickness of the coatings of paint, enamel, laquer, adhesive or other material that has been applied to a smooth surface. It is made of stainless steel.

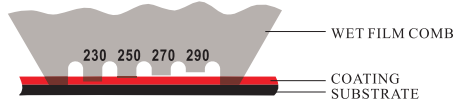
This product conforms to ASTM D4414; BS 3900: C5; ISO 2808

**Packing List**

- 1 Wet Film Comb
- Operation Manual
- Storage Case

**Procedure**

1. Clean the wet film comb.
2. Place the comb perpendicular to the coated substrate and be sure the comb is firmly in contact with the substrate.
3. After removing the comb from the substrate, look for the largest tooth or notch that is wet and the smallest one that is not wet. Read the values of the two teeth.
4. The wet film thickness lies between these two values.
5. After use, clean the wet film comb immediately.



250  $\mu\text{m}$ : the largest tooth that is wet.

270  $\mu\text{m}$ : the smallest tooth that is not wet.

The wet film thickness lies between 250 and 270  $\mu\text{m}$ .

**Technical Data**

Part Number	CO100-1	CO100-2
Range	20-370 $\mu\text{m}$	25-2000 $\mu\text{m}$
	20,30,40,50 $\mu\text{m}$	25,50,75,100,125,150 $\mu\text{m}$
	60,70,80,90 $\mu\text{m}$	175,200,225,250,275,300 $\mu\text{m}$
Value	100,110,120,130 $\mu\text{m}$	350,400,450,500,550,600 $\mu\text{m}$
	150,170,190,210 $\mu\text{m}$	650,700,750,800,850,900 $\mu\text{m}$
	230,250,270,290 $\mu\text{m}$	950,1000,1100,1200,1300,1400 $\mu\text{m}$
	310,330,350,370 $\mu\text{m}$	1500,1600,1700,1800,1900,2000 $\mu\text{m}$
Dimensions	60*60*1 mm	80*80*1 mm
Weight	15 g	20 g

**Related Products**

- CO200 Series Digital Coating Thickness Gage
- CO300 Paint Inspection Gage
- Co310 Illuminated Microscope

**Contact**

HTech Messtechnik GmbH

Address: Von-Waldthausen-Str. 28 D-45739 Oer-Erkenschwick Germany

Tel: +49 (2368) 9040942 Fax: +49 (2368) 9040943

Email: info@htech-mt.de

QR Code

Please scan the QR Code to visit our website for more products.

