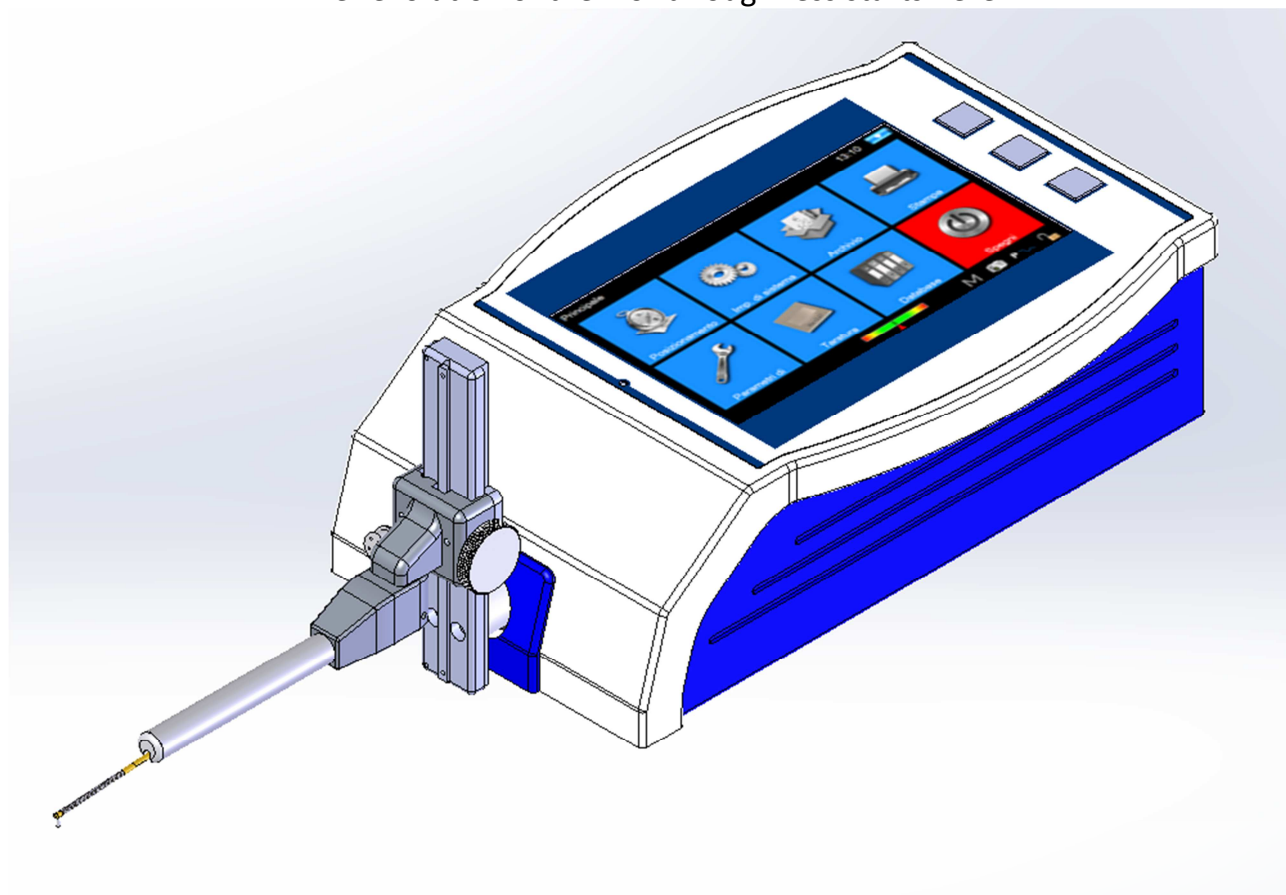
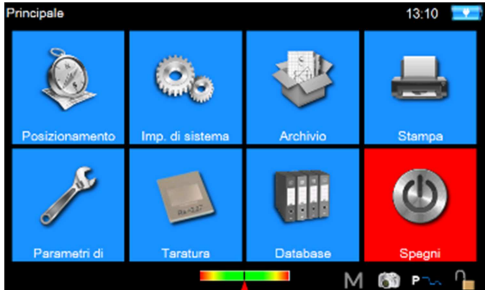
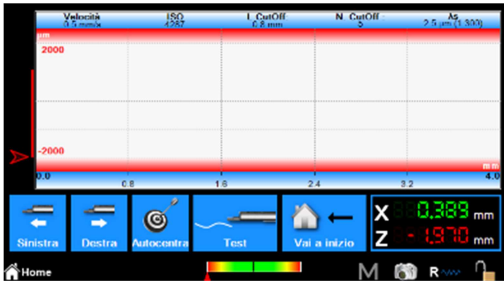
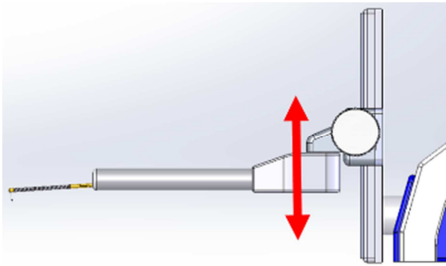
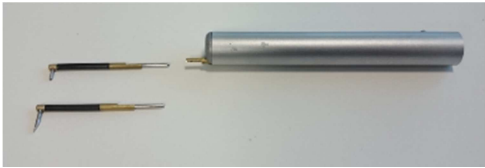


New Roughness

WARP_{surf}

The revolution of the world roughness starts here.



FUNCTION	DESCRIPTION	IMAGE
Display:	7 inches (18 cm) 16 million color touch screen Win Mobile interface style (a square)	
Field measure:	X = 60 mm Z = 1500 μm (roughness probe) Z = 3000 μm (profilometry probe)	
Resolution:	0,1 nm (0,0001 μm) su 1500 μm	
Micrometer:	Height of reachable extent compared to the support surface by -10 Mm to 110 mm with the fine provided.	
Probe:	Interchangeable blades	

Roughness:

75 roughness parameters

ISO 4287-1997:

Ra-Rq-Rt-Rz-Rp-Rv-Rc-
Pa-Pq-Pt-Pq-Pv-Pc-PSm-
Wa-Wq-Wt-Wz-Wp-Wv-
Rk-Rpk-Rvk-Mr1- Mr2-

ISO 12085:

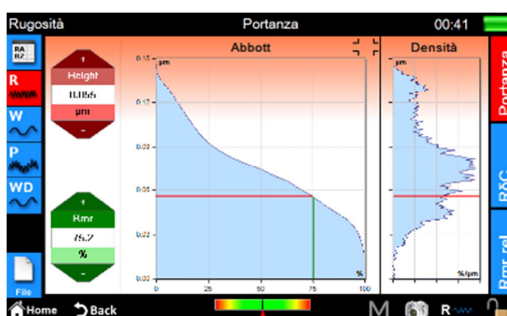
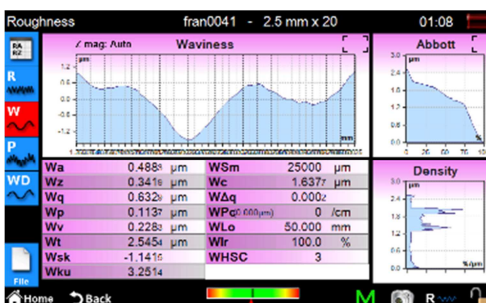
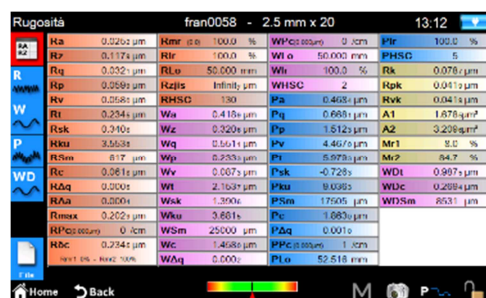
Pt - R - AR - Rx - Wte -

DIN 4768:

Rmax

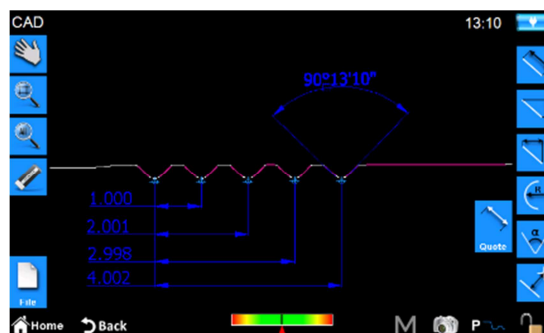
VDA2007:

WDSm- WDc - WDt



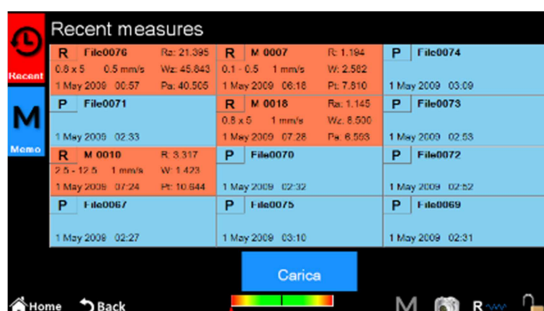
Profile analysis:

CAD integrated for the analysis of the profile.
Full functions: lines - points - bows - size



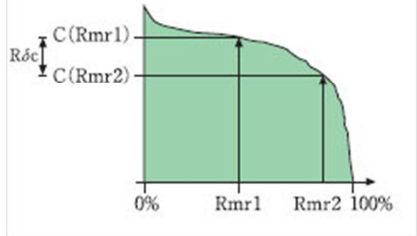
Archive:

- Automatic saving of the last 6 measures
- Saving up to 1000 measurements (more graphics parameters)



Connectivity:	1 USB Type A port (connection to USB pens) 1 USB Type B port (connection to PC) Bluetooth connection to the printer PR10	
Printer, the possibility of connect:	Commercial desktop printer via USB PR10 printer via Bluetooth direct PDF creation on a USB stick	Uscita predefinita 

New smart functions:

Screenshoot	Pressing the "picture machine" the image on the display is saved to the USB stick. Very useful for exporting images to then be attached to Word documents, Excel or send via Email																																																																									
Support of the parameters	On the screen of results by clicking on the parameter appears a brief explanation of the parameter according to the legislation that identifies it.	$R\delta c = c(Rmr1) - c(Rmr2) : Rmr1 < Rmr2$ 																																																																								
by protection over range	Bringing the probe into top home run with a manual movement (typical, positioning itself on the particular measurement) the instrument emits a warning tone and display an error message, thus preventing breakage of the probe																																																																									
self-determining length cut-off	By pressing a button the instrument runs a series of measures on the particular area being examined by proposing at the end the best measuring conditions according to ISO 4288	Condizioni di misura: parametri R ISO4288: '96 <table><thead><tr><th colspan="4">Profilo non periodico</th><th colspan="2">Profilo periodico or RSm</th><th colspan="2">Condizioni di misura</th></tr><tr><th colspan="4">Ra, Rq, Rsk, Rku or Rkq</th><th colspan="2">Rz, Rv, Rp, Rf, or Rt</th><th>Lunghezza di Campionamento λr = CutOff Ac (mm)</th><th>Lunghezza di Valutazione λn (mm) = S × λr</th></tr><tr><th colspan="2">Ra (μm)</th><th colspan="2">Rz (μm)</th><th colspan="2">RSm (mm)</th><th></th><th></th></tr><tr><th>Più di></th><th>Meno di<</th><th>Più di></th><th>Meno di<</th><th>Più di></th><th>Meno di<</th><th></th><th></th></tr></thead><tbody><tr><td>0.006</td><td>0.02</td><td>0.025</td><td>0.1</td><td>0.013</td><td>0.04</td><td>0.08</td><td>0.4</td></tr><tr><td>0.02</td><td>0.1</td><td>0.1</td><td>0.5</td><td>0.04</td><td>0.13</td><td>0.25</td><td>1.25</td></tr><tr><td>0.1</td><td>2</td><td>0.5</td><td>10</td><td>0.13</td><td>0.4</td><td>0.8</td><td>4</td></tr><tr><td>2</td><td>10</td><td>10</td><td>50</td><td>0.4</td><td>1.3</td><td>2.5</td><td>12.5</td></tr><tr><td>10</td><td>80</td><td>50</td><td>200</td><td>1.3</td><td>4</td><td>8</td><td>40</td></tr></tbody></table>	Profilo non periodico				Profilo periodico or RSm		Condizioni di misura		Ra, Rq, Rsk, Rku or Rkq				Rz, Rv, Rp, Rf, or Rt		Lunghezza di Campionamento λr = CutOff Ac (mm)	Lunghezza di Valutazione λn (mm) = S × λr	Ra (μm)		Rz (μm)		RSm (mm)				Più di>	Meno di<	Più di>	Meno di<	Più di>	Meno di<			0.006	0.02	0.025	0.1	0.013	0.04	0.08	0.4	0.02	0.1	0.1	0.5	0.04	0.13	0.25	1.25	0.1	2	0.5	10	0.13	0.4	0.8	4	2	10	10	50	0.4	1.3	2.5	12.5	10	80	50	200	1.3	4	8	40
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