Measuring ranges/resolution	± 250 µm / 30 pm, or according to arm's length
Standards	ISO21920 ISO4287 JISB0601 ASMEB461 VDA2007 DT05_59 ISO13565 JISB0671 MBN31007 DIN4768 ISO12085 JISB0631
Profile types	P, W, WD, R, A, B
Traversing length	According to the feed unit
Tracing speed	0.1 and 0.5 mm/s (.0394 and 0.197 in/s)
Drive units	PZK, GD 25, PGK 20, PGK 120, PRK
Other Drive Units	Various HOMMEL or MITUTOYO units on demand
Unit	Metric, Imperial
Cut-off lengths	0.025, 0.08, 0.25, 0.8, 2.5, 8
Number of samplings	1 to n (according to measurement length)
Filters	Gaussian (ISO16610-21), Robust (ISO16610-31), Valley suppression (ISO 13565-1), Spline (ISO16610-22)
Form removal	Line, arc
End region discard	None, ½ cut-off, 1 cut-off
LambdaS	Yes
Recalculation	Yes
Parameters	Pt, Pp, Pv, Pc, Pz, Pa, Pq, PSm, PΔq, Psk, Pku, PPc, PHSC, PLo, Plr Wt, Wp, Wv, Wc, Wz, Wa, Wq, WSm, WΔq, Wsk, Wku, WPc, WHSC, WLo, Wlr Ra, Rq, Rp, Rv, Rt, Rz, Rc, RSm, RPc, Rsk, Rku, RΔa, RΔq, Rvm, Rpm, Ra75, Rmax, Rzjis, RzDIN, Ry5, RpASME, RvASME, PcASME, RHSC, RLo, Rlr, R3z WDc, WDt, WDSm, Pδc, Pmr(c), Pmr , Wδc, Wmr(c), Wmr, Rδc, Rmr(c), Rmr, Htp, tp(p), hp, Et, Ep, Rk, Rpk, Rvk, Mr1, Mr2, A1, A2, CV, Rpk*, Rvk* Pt (ISO12085), PPc(ISO12085), R, Rx, AR, W, Wx, AW, Wte, Rke, Rpke, Rvke, Mr1e, Mr2e, A1e, A2e, CVe, Rpke*, Rvke* Pzx, Wzx, Rzx,Ppt, Wpt, Rpt,Pvt, Wvt, Rvt,Psm, Wsm, Rsm,Psmx, Wsmx, Rsmx,Psmq, Wsmq, Rsmq,Ppc, Wpc, Rpc,Pcx, Wcx, Rcx,Pcq, Wcq, Rcq, Pda, Wda, Rda,Pdq, Wdq, Rdq,Pdt, Wdt, Rdt,Pdl, Wdl, Rdl,Pdr, Wdr, Rdr

Other parameters to be added	*Pml(c),Wml(c),Rml(c),Pmc(c),Wmc(c),Rmc(c),Pcm(p),Wcm(p),Rcm(p)* *Phd(c),Whd(c),Rhd(c),Pvm(p),Wvm(p),Rvm(p),Pvv(p),Wvv(p),Rvv(p)* *Pmr(p,dc),Wmr(p,dc),Rmr(p,dc),Pdc(p,q),Wdc(p,q),Rdc(p,q)*
Tolerance monitoring	Yes
Probes	Manage of different probes, defined by user
Configuration	Manage of custom configuration of measure and analysis with load with barcode/QR code scanner
Program / cycle of measure	Manage of custom execution program of measure and analysis with load with barcode/QR code scanner
User Management	Yes, with different user level (Basic, Expert, Admin)
Database	Internal database with statistic information and traceability data
Data Export & Saving	Saving of complete profile, Export in various format including CSV, XLS, QDAS (DFQ)
Other Analysis	Basic raw profile measurement (lengths and heights), separate live portance analysis
Characteristic curves	profile graph, material ratio (Abbott curve), amplitude density
Print	Highly customizable printing report with traceability information, user data, company logo etc…
Language	English, German, French, Italian, Spanish
Temp. range for storage	−15 to +55 °C (41°F to 104°F)
Temp. range for operation/work	+5 to +40 °C (5°F to 131°F)
Dimension (HxWxD)	32.8 mm x 121 mm x 130 mm
Weight	< 1Kg
Connections	USB 2.0, RS485
Power Supply	5V, 500mA by USB
Minimum PC Requirements	Intel i3 or similar/better 8 GB Ram or better 24'' monitor SO Microsoft Windows 10/11. One USB 2.0 type A free port.
Additional accessories	eBOX CL (or column movement), additional accessories on request

Latest firmware 1.14 21/10/07
Latest software update 1.14.969
This document update Rev 1.3 22/05/16