

KA-200

1.Development concept

- Improvement of the design, Visibility, operability.
- The lathe function addition of the demand of the Overseas Subsidiaries

2.FEATURES

- Adjustable high-brightness LED enhances visibility.
- Operation visualization display (macro function) realizes high operability.
- Scale tester feature improves maintainability.
- High-versatility USB 2.0 output (optional)



3.Main specifications

Resolution	With AT100 Series : 0.05 – 0.0001 mm With AT715 : 0.01 – 0.001 mm
Scale input ports	2 or 3
Dimensions	Size (W × D × H) 30 × 168 × 70mm
Display type / digit	7segment, 8digit + sign, 8character alphabet LED display
Output (optional)	RS-232C / USB
Main features	Taper machining function; tool data; Multipoint compensation; Scale diagnosis function ;calculation function, Function lock function

4. Comparison between new model and current model



Figure 1 shows the rear panel of the device. It features a warning label, a power switch (ON/OFF), a power input socket (100-240V~ 50/60Hz, 25VA), and four output sockets labeled X, Y, Z, and O.P. A red box highlights the output socket labeled X, which is a 15-pin D-sub connector. A red arrow points to this connector.

〈Current〉KA-12
W260xH167xD80

USB output ,RS232C
Output,Digimatic input is
possible
(Selectable option)



KA-200

KA-200 Counter Function List

○: 現行KAカウンタより継承する機能 / Continue from current model
 ◎: NewKAカウンタ新機能 / New function
 ●: オプション / Option

	Standard	Lathe	Diagnosis
Pre sets/Zero sets	○		
Tool Presets		○	
Tool Zero sets		○	
INC/ABS change	◎	◎	
Multi-coordinate	○		
Tool number change		○	
Zero approach	○	○	
mm/inch change	○	○	
Bolt circle	○		
Straight pitch line processing	○		
1/2 operation	○	○	
Electronic calculator function	◎	◎	
Instant stop	◎	◎	
The scale origin sets	○	○	
The scale origin hold	○	○	
Expansion and contraction function	◎		

	Standard	Lathe	Diagnosis
Rectangular mil processing	◎		
Incline mil processing	◎		
R side mil processing	◎		
Touch sensor probe sets	◎		
Touch sensor probe hold	◎		
X-Y coordinate system/polar coordinates change	◎		
Cutting speed calculation	◎	◎	
Taper calculation		◎	
Tool offset X		○	
Tool offset Y		◎	
Straight line error correction	○	○	
Multi points error correction	◎	◎	
ABS function	◎	◎	
Digimatic preset		●	
Scale tester function			◎
Code out (RS232 or USB)	●	●	

※標準機能:13機能追加
 Standard:Add 13 Func.

※旋盤機能:8機能追加
 Lathe : Add 8 Func.

※スケール診断機能追加
 Add Scale diagnosis