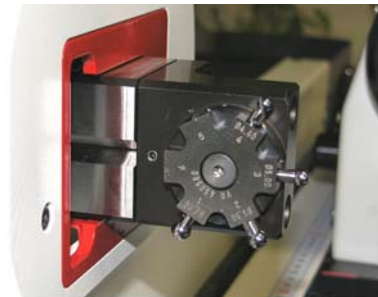


Technical Data



Revolver manual

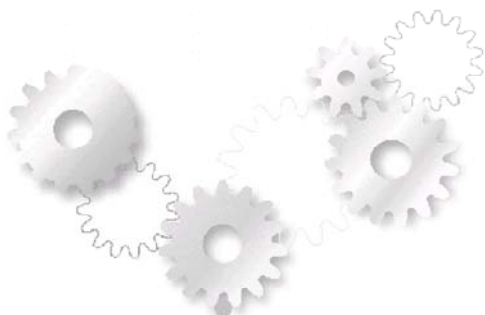


Revolver automatic

all data in mm

		HM	HA	HH	VA
part	max. length/ height	800	800	800	300
	max. external-Ø	230	230	230	300
	min. internal-Ø	-	-	-	40
	min. pitch circle-Ø	20	20	30	40
	max. weight	15	15	30	20
measurement	slide	65	85	85	150
	horizontal-/vertical slide	400	800	800	300
measurement sequence	manual	•			
	automatic		•	•	•
Clamping	between tips manual	•	•		o
	between tips automatic			•	
	with triple jaw chuck	o	o		•
	with clamping arbor	o	o		o
Calibration	profiled setting master	•	•	•	•
	ground shafts	o	o	o	o
	center tips			o	
Change of balls	manual	•	•	•	•
	automatic		o	o	

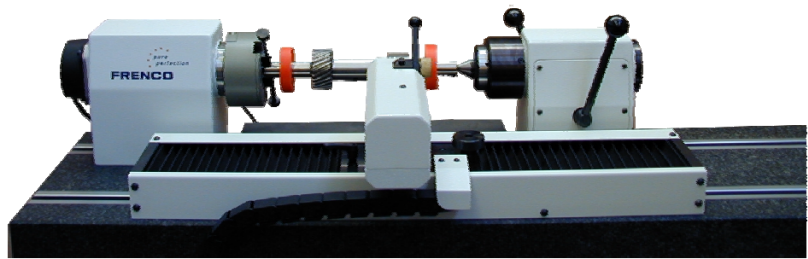
• standard o optional not available



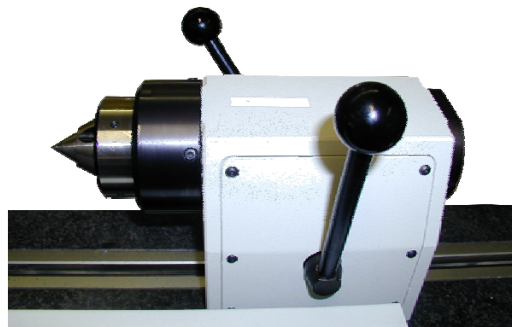
URMK-HM - manual

Manual rotation measuring instruments have 3 axis which have to be handled manually.

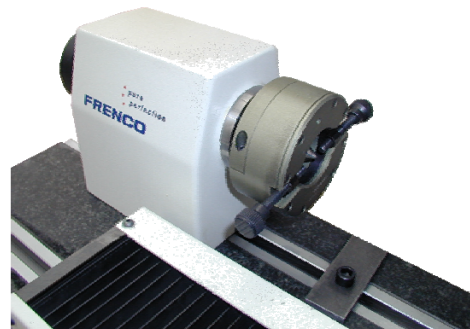
They suitable especially for random inspections during production.



Tailstock with hand lever for retraction and manual travel adjustment.



Spindle head with floating driver and resolver.



UMR-K assembled on a completely wired work bench.



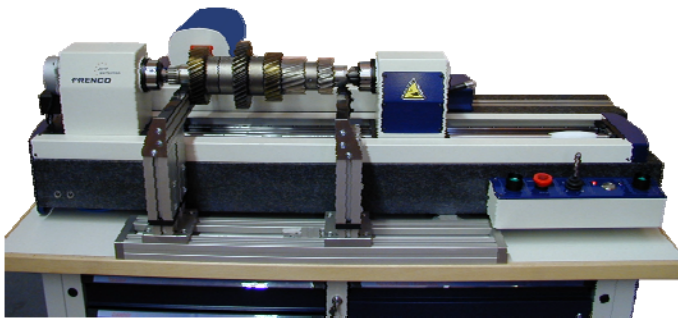
URMK-HA - automatic



All 3 axis are NC-controlled. A measuring program coordinates the automatic measuring process.

The control panel is equipped with an joystick.

URMK-HH - automatic for handling

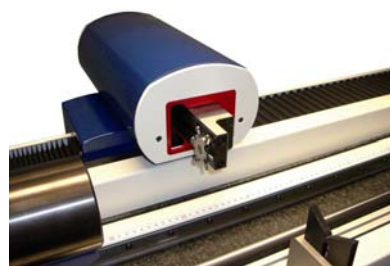


URM-K horizontal automatic instruments are always delivered on a completely wired work bench.

- Flatscreen on a perforated metal back board
- Drawer for setting master
- Drawer for printer
- Drawer for keyboard
- Switchboard for control electronics incl. master switch



delivery with loading station



automatic revolver