

Models IKT:

KERN	IKT 3K0.01S	IKT 10K0.1S	IKT 6K0.1	IKT 8K0.05
Readability (d)	0.01 g	0.1 g	0.1 g	0.05 g
Weighing range (max)	3 000 g	10 000 g	6 000 g	8 000 g
Taring range (subtractive)	3 000 g	10 000 g	6 000 g	8 000 g
Reproducibility	0.02 g	0.1 g	0.1 g	0.05 g
Linearity	±0.05 g	±0.3 g	±0.3 g	±0.15 g
Smallest piece weight	0.01 g	0.1 g	0.1 g	0.05 g
Adjustment points	1/2/3 kg	2/5/10 kg	2/5/10 kg	2/4/5/7/8 kg
Recommended adjusting weight F1 (not supplied)	3 kg	10 kg	6 kg	5 kg + 2 kg
Humidity of air	max. 80% rel. (non-condensing)			
Stabilization time (typical)	3 sec.			
Allowable ambient temperature	+10 °C ... + 40 °C			
Warm-up time	4 h	2 h	2 h	2 h
Housing (B x D x H) mm	228 x 228 x 70		315 x 305 x 70	
Vibration filter	yes			
Weighing plate stainless steel mm	228 x 228		315 x 305	
Units	see menu			
Weight kg (net)	5.5		7.5	
Data interface	yes (RS232)			
Master data storage for all operating modes	80			
Print forms with up to 20 informations	16			
Recipes with up to 10 components	99			

KERN	IKT 12K0.2	IKT 16K0.1	IKT 30K0.1	IKT 30K0.5	IKT 36K0.2
Readability (d)	0.2 g	0.1 g	0.1 g	0.5 g	0.2 g
Weighing range (max)	12 000 g	16 000 g	30 000 g	30 000 g	36 000 g
Taring range (subtractive)	12 000 g	16 000 g	30 000 g	30 000 g	36 000 g
Reproducibility	0.2 g	0.1 g	0.2 g	0.5 g	0.2 g
Linearity	±0.6 g	±0.3 g	±0.5 g	±1.0 g	±0.6 g
Smallest piece weight	0.2 g	0.1 g	0.1 g	0.5 g	0.2 g
Adjustment points	5/10/12 kg	5/10/15/16 kg	10/15/20/30 kg	10/15/20/30 kg	10/15/20/30/36 kg
Recommended adjusting weight F1 (not supplied)	10 kg	10 kg + 5 kg	20kg + 10kg	20kg + 10kg	20kg + 10kg
Humidity of air	max. 80% rel. (non-condensing)				
Stabilization time (typical)	3 sec.				
Allowable ambient temperature	+10 °C ... + 40 °C				
Warm-up time	2 h	2 h	4 h	2 h	2 h
Housing (B x D x H) mm	315 x 305 x 70				
Vibration filter	yes				
Weighing plate stainless steel mm	315 x 305				
Units	see menu				
Weight kg (net)	7,5				
Data interface	yes (RS232)				
Master data storage for all operating modes	80				
Print forms with up to 20 informations	16				
Recipes with up to 10 components	99				

KERN	IKT 30K0.1L	IKT 36K0.2L	IKT 60K0.2L	IKT 60K1L
Readability (d)	0.1 g	0.2 g	0.2 g	1 g
Weighing range (max)	30 000 g	36 000 g	60 000 g	60 000 g
Taring range (subtractive)	30 000 g	36 000 g	60 000 g	60 000 g
Reproducibility	0.2 g	0.2 g	0.4 g	1 g
Linearity	±0.5 g	±0.6 g	±1.0 g	±2.0 g
Smallest piece weight	0.1 g	0.2 g	0.2 g	1 g
Adjustment points	10/15/20/30 kg	10/15/20/30/36 kg	20/30/50/60 kg	20/30/50/60 kg
Recommended adjusting weight F1 (not supplied)	20 kg + 10 kg	20 kg + 10 kg	50 kg	50 kg
Humidity of air	max. 80% rel. (non-condensing)			
Stabilization time (typical)	3 sec.			
Allowable ambient temperature	+10 °C ... + 40 °C			
Warm-up time	4 h	2 h	4 h	2 h
Housing (B x D x H) mm	450 x 350 x 115			
Vibration filter	yes			
Weighing plate stainless steel mm	450 x 350			
Units	see menu			
Weight kg (net)	9.5			
Data interface	yes (RS232)			
Master data storage for all operating modes	80			
Print forms with up to 20 informations	16			
Recipes with up to 10 components	99			

KERN	IKT 65K0.5L	IKT 100K0.5L	IKT 120K2L	IKT 150K1L
Readability (d)	0.5 g	0.5 g	2 g	1 g
Weighing range (max)	65 000 g	100 000 g	120 000 g	150 000 g
Taring range (subtractive)	65 000 g	100 000 g	120 000 g	150 000 g
Reproducibility	0.5 g	0.5 g	2 g	1 g
Linearity	±1,5 g	±1,5 g	±4 g	±3 g
Smallest piece weight	0.5 g	0.5 g	2 g	1 g
Adjustment points	20/30/50/60 kg	20/50/100 kg	20/30/50/60 kg	50/100/150 kg
Recommended adjusting weight F1 (not supplied)	50 kg	50 kg + 50 kg	50 kg	3 x 50 kg
Humidity of air	max. 80% rel. (non-condensing)			
Stabilization time (typical)	3 sec.			
Allowable ambient temperature	+10 °C ... + 40 °C			
Warm-up time	2 h	2 h	2 h	2 h
Housing (B x D x H) mm	450 x 350 x 115			
Vibration filter	yes			
Weighing plate stainless steel mm	450 x 350			
Units	see menu			
Weight kg (net)	9.5			
Data interface	yes (RS232)			
Master data storage for all operating modes	80			
Print forms with up to 20 informations	16			
Recipes with up to 10 components	99			

KERN	IKT 150K2XL	IKT 300K5XL
Readability (d)	2 g	5 g
Weighing range (max)	150 000 g	300 000 g
Taring range (subtractive)	150 000 g	300 000 g
Reproducibility	2 g	5 g
Linearity	±4 g	±10 g
Smallest piece weight	2 g	10 g
Adjustment points	20/50/100 kg	20/30/50/60 kg
Recommended adjusting weight F1 (not supplied)	3 x 50 kg	3 x 100 kg
Humidity of air	max. 80% rel. (non-condensing)	
Stabilization time (typical)	3 sec.	
Allowable ambient temperature	+10 °C ... + 40 °C	
Warm-up time	2 h	2 h
Housing (B x D x H) mm	650 x 500 x 142	
Vibration filter	yes	
Weighing plate stainless steel mm	650 x 500	
Units	see menu	
Weight kg (net)	20	
Data interface	yes (RS232)	
Master data storage for all operating modes	80	
Print forms with up to 20 informations	16	
Recipes with up to 10 components	99	

KERN	IKT 6K1M	IKT 12K2M	IKT 30K5M	IKT 60K10LM	IKT 120K20LM
Accuracy class	III	III	III	III	III
Readability (d)	1 g	2 g	5 g	10 g	20 g
Verification value (e)	1 g	2 g	5 g	10 g	20 g
Weighing range (max)	6 000 g	12 000 g	30 000 g	60 000 g	120 000 g
Minimum load (Min)	20 g	40 g	100 g	200 g	400 g
Taring range (subtractive)	6 000 g	12 000 g	30 000 g	60 000 g	120 000 g
Reproducibility	0.5 g	1 g	2.5 g	5 g	10 g
Linearity	±0.5 g	±1 g	± 2.5 g	± 5 g	± 10 g
Smallest piece weight	1 g	2 g	5 g	10 g	20 g
Adjustment points	2/5/6 kg	2/5/10/12 kg	10/20/30 kg	20/50/60 kg	20/50/100/ 120 kg
Recommended adjusting weight M1 (not supplied)	10 kg	10 kg	20 + 10 kg	50 kg	50kg+50kg
Humidity of air	max. 80% rel. (non-condensing)				
Stabilization time (typical)	3 sec.				
Allowable ambient temperature	+10 °C ... + 40 °C				
Warm-up time	2 h	2 h	2 h	2 h	2 h
Housing (B x D x H) mm	315 x 305 x 70			450 x 350 x 115	
Vibration filter	yes				
Weighing plate stainless steel mm	315 x 305			450 x 350	
Units	see menu				
Weight kg (net)	7.5			9.5	
Data interface	yes (RS232)				
Master data storage for all operating modes	40				
Print forms with up to 20 informations	1				
Recipes with up to 7 components	5				