KERN FFN 3K0.5IPN



All-round bench scale, protected by stainless steel and IP65 rating



С	at	е	g	0	rv
			\odot		

Brand	KERN
Product categoriy	Industrial scale
Product group	IP protected bench scale
Product family	FFN

Measuring System

Construction type of the scale	Single-range balance
Number of weighing ranges	1
Weighing system	Strain gauge
Weighing capacity [Max]	3 kg
Readability [d]	0,0005 kg
Resolution	6.000
Linearity	± 0,001 kg
Reproducibility	0,0005 kg
Tare range	-3 kg
Default unit	kg
Units	kg Ib
Adjustment options	Adjusting with external weight
Recommended adjusting weight	3 kg (M3)
Possible calibration points	1,5 kg; 3 kg
Stabilization time	2 s
Warm-up time	30 min
Eccentric loading at 1/3 [Max]	0,0025 kg
Maximum creep (15 minutes)	2 g
Maximum creep (30 minutes)	4 g

1

Zu	b	00		n	σ
Ζu	Ia	33	u	ш	δ

CE mark

Display typeLCDDisplay backlight✓Display segments5Display segments5Display digit height25 mm243×300×127 mmDimension housing (W×D×H)243×300×127 mmDimensions completely mounted (W×D×H)243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Level indicator✓Functions✓Number of keys for operation3Auto-off interval(s) in mains power mode3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for imeBurco A	Display	
Display segments5Display digit height25 mmConstruction243×300×127 mmDimension housing (W×D×H)243×300×127 mmDimensions completely mounted (W×D×H)243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Levelling feet adjustable✓Level indicator✓Functions3Number of keys for operation3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyNoneInput voltage power supply / power [Max]110 V - 230 V ACInput voltage power supply / power supply typePower adapterSupplied power supply / countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optional200 hPlug-in power supply / adapter for countries - optional212 hRechargeable battery operating time - backlight on30 h	Display type	LCD
Display digit height25 mmConstructionDimension housing (W×D×H)243×300×127 mmDimensions completely mounted (W×D×H)243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Level indicatorFunctionsNumber of keys for operationAuto-off interval(s) in mains power mode3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighing power (Max]NoneInput voltage power supply / power [Max]110 V - 230 V ACInput voltage power supply / power supply typePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery operating time - backlight on20 h	Display backlight	\checkmark
ConstructionDimension housing (W×D×H)243×300×127 mmDimensions completely mounted243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface233×193 mm(W×D)1Load cells - number1Levelling feet adjustable✓Level indicator✓FunctionsNumber of keys for operationAuto-off interval(s) in mains power mode3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply / dapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalZURO AUS UK US CHPlug-in power supply / adapter for countries - optional20 h	Display segments	5
Dimension housing (W×D×H)243×300×127 mmDimensions completely mounted (W×D×H)243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Levelling feet adjustable✓Level indicator✓FunctionsNumber of keys for operation3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACNuplien power supply / power [Max]12 V, 500 mAPlug-in power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optional21 hPlug-in power supply / adapter for countries - optional21 hPlug-in power supply / adapter for countries - optional20 hPlug-in power supply / adapter for countries - optional21 hPlug-in power supply / adapter for countries - optional20 h	Display digit height	25 mm
Dimensions completely mounted (W×D×H)243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Levelling feet adjustable✓Level indicator✓FunctionsNumber of keys for operationAuto-off interval(s) in mains power mode3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery operating time - backlight on20 h	Construction	
(W×D×H)243×300×127 mmMaterial housingstainless steel, plasticMaterial weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Levelling feet adjustable✓Level indicator✓FunctionsNumber of keys for operationAuto-off interval(s) in mains power mode3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]12 V, 500 mAPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optional20 h	Dimension housing (W×D×H)	243×300×127 mm
Material weighing platestainless steelDimensions weighing surface (W×D)233×193 mmLoad cells - number1Levelling feet adjustable✓Level indicator✓FunctionsNumber of keys for operationAuto-off interval(s) in mains power mode3 3 min off 5 min 15 minTare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyInput voltage power supply / power [Max]Input voltage device / power [Max]12 V, 500 mAPlug-in power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optional12 hPlug-in power supply / adapter for countries - optional200 h		243×300×127 mm
Dimensions weighing surface (W×D)233×193 mmLoad cells - number1Levelling feet adjustable✓Level indicator✓Functions3Number of keys for operation3Auto-off interval(s) in mains power mode3 min off 5 min 15 minTare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V AC power [Max]Input voltage power supply / power supply / power supply / supplied power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on30 h	Material housing	stainless steel, plastic
(W×D)233×193 mmLoad cells - number1Level indicator✓Level indicator✓Functions3Number of keys for operation3Auto-off interval(s) in mains power mode3Tare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]12 V, 500 mAPlug-in power supply / adapter for countries - included with the deliveryEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery operating time12 hRechargeable battery operating time - backlight on30 h	Material weighing plate	stainless steel
Levelling feet adjustable Level indicatorLevel indicatorFunctions3Number of keys for operation3Auto-off interval(s) in mains power mode3functionsoff 5 min 15 minTare functionmanual (multi)Underfloor weighing IP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery operating time12 hRechargeable battery operating time - backlight on30 h		233×193 mm
Level indicatorImage: Constraint of the set of the s	Load cells - number	•
FunctionsNumber of keys for operation3Auto-off interval(s) in mains power mode3 min off 5 min 15 minTare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyInput voltage power supply / power [Max]Input voltage device / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply ypePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery operating time - backlight on12 h		1
Number of keys for operation3Auto-off interval(s) in mains power mode3 min off 5 min 15 minTare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyInput voltage power supply / power [Max]Input voltage device / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply yupePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on12 h	Level indicator	1
Auto-off interval(s) in mains power mode3 min off 5 min 15 minTare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyInput voltage power supply / power [Max]Input voltage device / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supply / deliveryAccu & Power supplyPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHRechargeable battery charging time12 hRechargeable battery operating time - backlight on30 h	Functions	
Auto-off interval(s) in mains power modeoff 5 min 15 minTare functionmanual (multi)Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyInput voltage power supply / power [Max]Input voltage device / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time12 hRechargeable battery operating time - backlight on30 h	Number of keys for operation	3
Underfloor weighingNoneIP protection - complete deviceIP65Power Supply110 V - 230 V ACInput voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US OK US CHRechargeable battery charging time - backlight on12 h	., .	off 5 min
Underfloor weighingNoneIP protection - complete deviceIP65Power SupplyInput voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supply / adapter for countries - included with the deliveryEURO 	Tare function	manual (multi)
Power SupplyInput voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supplyAccu & Power supplyPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on12 h	Underfloor weighing	
Input voltage power supply / power [Max]110 V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supplyAccu & Power supplyPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on12 h	IP protection - complete device	IP65
power [Max]TTO V - 230 V ACInput voltage device / power [Max]12 V, 500 mAPlug-in power supply typePower adapterSupplied power supplyAccu & Power supplyPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on12 h	Power Supply	
Plug-in power supply typePower adapterSupplied power supplyAccu & Power supplyPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on12 hRechargeable battery operating time - backlight on30 h		110 V - 230 V AC
Supplied power supplyAccu & Power supplyPlug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time - backlight on12 hRechargeable battery operating time - backlight on30 h	Input voltage device / power [Max]	12 V, 500 mA
Plug-in power supply / adapter for countries - included with the deliveryEURO UK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time12 hRechargeable battery operating time - backlight on30 h	Plug-in power supply type	Power adapter
Plug-in power supply / adapter for countries - included with the deliveryUK US CHPlug-in power supply / adapter for countries - optionalEURO AUS UK US CHRechargeable battery charging time12 hRechargeable battery operating time - backlight on30 h	Supplied power supply	
Plug-in power supply / adapter for countries - optionalAUS UK US CHRechargeable battery charging time12 hRechargeable battery operating time - backlight on30 hRechargeable battery operating time - backlight on50 h	countries - included with the	UK US
time 12 h Rechargeable battery operating 30 h Rechargeable battery operating 50 h	countries - optional	AUS UK US
time - backlight on 30 n Rechargeable battery operating 50 h	time	12 h
		30 h
		50 h

KERN FFN 3K0.5IPN



All-round bench scale, protected by stainless steel and IP65 rating

Battery	no battery
Battery / accumulator type	Pb
Battery connection	Plug-in terminals
Environmental conditions	
Ambient temperature [Min]	-10 °C
Ambient temperature [Max]	40 °C
Humity of environment [Min]	25 %
Humity of environment [Max]	95 %
Storage temperature [Min]	-20 °C
Storage temperature [Max]	60 °C
Packing & Shipping	
Readability force [d] (N)	1 d
Dimensions packaging (W×D×H)	310×402×205 mm
Net weight	3,85 kg
Shipping method	Parcel service
Net weight approx.	4,0 kg
Gross weight approx.	4,6 kg
Shipping weight	5,1 kg
Services (optional)	
Article number for adjustment at the location of installation	961-247
Article number for DAkkS calibration	963-127
Article number for certificate of conformity (verification)	969-517
Pictograms	

STANDARD



OPTION

