ADE Scales & Measuring Devices



The human being is our measure.





ADE M320000-01

Our completely new ADE M320000-01 electronic column scale. Assembled in just one go. Ready to use in the shortest possible time - for all times to come.

Please see page 12

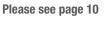
ADE M118000-01

New ADE M118000-01 electronic infant weighing scale with an innovative integrated length measuring system. Allows to weigh and measure infants at the same time, accurate to 5 g and 2 mm.

Please see page 6

ADE M320000

The ADE M320000 is a digital floor scale with space. It allows to securely weigh patients with a higher weight and size using a comfortable 380 x 305 mm surface.





Class approved scales

The choice of instruments is crucial for medical and nursing staff to be able to focus on the well-being of their patients. ADE medical scales and measuring instruments meet the highest quality standards: they are precise, reliable, and user-friendly. All over the world, doctors and nursing staff – as well as athletes, midwives, and dieticians – benefit from the wide and varied range of ADE scales in their everyday work. This range combines the technical know-how of the ADE scale designers with the experience of doctors and nurses in their medical practice. Diagnosed to be sophisticated technology at an attractive price!

ADE products are available through selected distributors and retailers – trained by us all over the world.

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Electronic baby scales

Electronic baby weighing scale

ADE M118000 (II)

The gently contoured baby tray offers generous as well as secure space for small infants and even for seated toddlers.

The fine graduation of 5 g up to 10 kg, together with the auto-hold function and an electronic dampening system guarantees precise and fast weighing results. The clear backlit display ensures easy reading also in dimmed surroundings. Simple to operate by four clearly marked soft touch buttons.

Functions: Automatic zero setting, tare, hold function, low battery indication, auto switch off, backlight display

Power supply:

Mains and alkaline batteries (4 x AA)

CP 20 kg

GR 5 g < 10 kg > 10 g

TR 600 x 280 x 90 mm

ADE M118000 (s)

CP 15 kg

GR 5 g

TR 600 x 280 x 90 mm





Electronic baby scales

Electronic baby weighing scale with digital length measure

ADE M118000-01 (II)

The optionaly integrated digital length measuring device will take precise readings of infants up to 80 cm in 2 mm steps.

The infant can be freely positioned inside the weighing tray, no additional handling necessary. The measuring results will be shown on the LCD display of the baby weighing scale. All weighing functions and specifications are equivalent to ADE M118000.

Functions: Length measuring, automatic zero setting, tare, hold function, low battery indication, auto switch off, backlight display

Power supply:

Mains and alkaline batteries (4 x AA)

CP 20 kg **MR** 400 – 800 mm

GR 5 g < 10 kg > 10 g **GR** 2 mm

UT kg UT mm

TR 600 x 280 x 90 mm

ADE M118000-01 (s)

CP 15 kg

GR 5 g

UT ka

TR 600 x 280 x 90 mm







Free positioning of head and foot stops

Baby and toddler weighing scale

ADE M101000-01

Electronic baby and toddler weighing scale for clinic and hospital use. The removable, softly curved baby tray offers comfortable space for babies and allows to weigh toddlers in a standing position. The weight of the infants is measured precisely in 5 g steps. The new, improved keyboard ensures a long lasting operation.

Functions: Automatic zero setting, tare, hold function, low battery indication

CP 20 kg

GR 5 g < 10 kg > 10 g

TR 560 x 280 x 95 mm

Power supply: Mains and alkaline batteries (6 x AA)











Carrying bag ADE MZ10060





Baby length measuring devices

Baby length measuring board

ADE MZ10040

Perfectly suited for the mobile and stationary use. The two pieces of the measuring board are quickly clipped together and can be disassembled just as quickly, allowing a spacesaving storage or transport. The foot stop and the measuring boards are firmly held together by just one patent clip mechanism. Guided by a central rail, the foot stop can be used smoothly, with a measuring accuracy of 1 mm. With indelible laser engraved measuring dial. The smooth, skin-friendly surface allows an easy and quick cleaning.

MR 100 – 1000 mm

GR 1 mm UT cm



Lightweight carrying bag

ADE MZ10043

Carrying bag with space for ADE MZ10040 baby length measuring board or ADE MZ10042 portable stadiometer (see page 16) or a combination of both.



Baby length measuring mat

ADE MZ10027-1

With a fixed head piece and movable foot stop. Ideally suitable for the portable use to measure the length of babies fast and comfortable. Made of skin friendly, easy to clean hygienic material resistant against all common soft disinfection fluids.

MR 100 - 990 mm

5 mm

UT cm





Baby length measuring rod

ADE MZ10028-1

Baby length measuring rod made of anodized aluminum with foldable measuring tongues. The triangle-shaped feet will support the measuring rod when placed on a table.

MR 100 – 1000 mm

GR 2 mm



Column and floor scales

Electronic floor scales

Electronic floor scale

ADE M320000 (III)

Wide body floor scale to take into account a growing population of increasing size and weight. Perfect for hospital and clinic use with its integrated BMI calculation function. The display reading direction can be turned to the staff at the touch of a button or towards the patient. The tare and hold function completes the professional weighing scale. The mother and child function allows to weigh a child in the arms of of a parent.

Functions: Automatic zero setting, tare, hold function, auto hold function, reweigh function, BMI function, mother & child weighing function, turning display, low battery indication, auto switch off

Power supply: Mains and alkaline batteries (4 x AA)

CP 250 kg

GR 50 g < 50 kg > 100 g

UT kg

WP 380 x 305 mm

ADE M320000 (s)

CP 250 kg

GR 100 g

UT kg

WP 380 x 305 mm





Carrying bag for floor scales ADE MZ10062





Electronic column scales

Electronic short column weighing scale

ADE M320000-02 (III)

Practical floor scale with slightly upraised column for heavy duty professional use. Clear large LCD display with easy tap-on-start and auto-hold function for quick and precise weighing. Powered by mains and batteries. Automatic zero setting, tare, hold function, auto hold function, reweigh function, BMI function, mother & child weighing function, turning display, low battery indication, auto switch off

Power supply: Mains and alkaline batteries (4 x AA)

CP 250 kg

GR 50 g < 50 kg > 100 g

UT kg

WP 350 x 450 mm

ADE M320000-02 (s)

CP 250 kg

GR 100 g

WP 350 x 450 mm



Electronic column scales

Electronic column weighing scale

ADE M320000-01

The perfect choice in all medical fields. Heavy duty electronic column scale with an extra wide, flat and slip resistant platform. The transport castors ensure easy movability. The BMI, hold and mother-child functions provide fast and clear results of the patients' nutritional condition. The turnable display allows easy reading from patient and user side. The scale operates by mains and batteries, included as standard. The scale setup is fast and easy: supplied in just two parts and assembled by one set of special screws.

Functions: Automatic zero setting, tare, hold function, auto hold function, reweigh function, BMI function, mother & child weighing function, turning display, low battery indication, auto switch off

Power supply: Mains and alkaline batteries (4 x AA)

CP 250 kg

GR 50 g < 50 kg > 100 g

UT kg

WP 350 x 450 mm

ADE M320000-01 (s)

CP 250 kg

GR 100 g

UT kg

WP 350 x 450 mm





Electronic column weighing scale with telescopic length measure

ADE M320000-01 ADE MZ10023-1

With the optional telescopic length measure MZ10023, this new ADE column scale becomes a perfect weighing and measuring station. The length measuring range of 890 – 2100 mm will cover children from a very young age up to tall adults of more than 2 meters in height. The safety measuring rod will fold away, if not in use.

MR 890 - 2100 mm

GR 1 mm







Electronic special purpose scale

Electronic wide body platform and bariatric scale

ADE M301020 (III)

This spacious platform scale has room for bigger or obese patients and takes weight up to 300 kg with an accuracy of 100 g. The integrated BMI function provides quick results on the nutritional condition of the patient. Operation by rechargeable batteries as well as on mains included as standard.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

CP 300 kg

GR 100 g

UT kg

WP 600 x 600 mm

Power supply:

Mains and rechargeable batteries



Electronic wide body platform handrail scale

ADE M301020-01 (III)

Handrail scale as ADE model M301020 with two side rails for additional support of patients with disabilities and problems to stand alone on a weighing scale. Two wheels allow an easy transport of the unit.

Operation by rechargeable batteries as well as on mains included as standard.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

Power supply:

Mains and rechargeable batteries

CP 300 kgGR 100 gUT kg

WP 600 x 600 mm



Castors for easy transport



Measuring devices

Height measuring devices

Telescopic height measure for wall mounting

ADE MZ10023-3

Telescopic height measuring rod for wall mounting. The foot positioner guarantees correct standing of the patient for accurate measurements. The range of 60 - 2100 mmcovers the length of children and adults. A foldable safety head piece completes this unit.

MR 60 - 2100 mm

GR 1 mm

UT cm

Telescopic height measure for scale and wall mounting

ADE MZ10023-1

Telescopic height measuring rod for mounting on ADE electronic column scales and wall mounting. With foldable safety head piece. Accurate to 1 mm with a measuring range of 600 - 2100 mm

MR 600 - 2100 mm

GR 1 mm



Height measuring devices

Portable stadiometer

ADE MZ10042

The ADE MZ10042 portable stadiometer is ideally fitting for field workers as well as for GPs and hospital use. The height measuring rod can be quickly taken apart into four pieces which can be stored within the platform. The two wall distance pieces keep the rod steady and vertical at the wall without any additional fixing. The scale can be read from both sides at the clear red indicator points.

Optionally available is a lightweight carrying bag – ADE MZ10043.

MR 150 - 2100 mm

GR 1 mm

UT cm





Mechanical stadiometer

ADF M710038

The free standing mechanical telescopic stadiometer, mounted on a metal platform with a measuring range of 2100 mm, is an ideal unit for the stationary or optionally portable height measurement of children through to adults.

MR 800 – 2100 mm

GR 1 mm



Measuring devices

Mechanical body length measuring tape

ADE MZ10017

Metal roll-up length measuring tape for wall mounting. Small, space saving device for quick and fast height measuring of patients up to 210 cm. The reading is done at the indicator line in the display window.

MR 0 - 2100 mm

GR 1 mm

UT cm



Mechanical circumference measuring tape

ADE MZ10021

Classically designed circumference measuring tape for medical use. The long-lasting quality mechanism ensures exact and precise reading and holds the tape at its correct position.

MR 50 – 1500 mm

GR 1 mm



Wheelchair and chair scales

Electronic wheelchair scales

Electronic wheelchair scale

ADE M500020 (II)

Low level platform scale with one ramp for convenient access. A cable remote display shows the weight clearly and can be mounted on the wall. Two castors and a handgrip permit a quick transport. Powered by mains and rechargeable batteries, allowing to use the scale at any place. Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

CP 300 kg

GR 100 g

UT kg

PD 800 x 800 mm

Power supply: Mains and rechargeable batteries



ADE MZ30010 second ramp





ADE M500020-02 With foldable column



ADE M500020-03 With foldable handrail



Electronic stretchers scale

ADE M500020-C (III)

This extra large platform scale will take commonly used stretchers of various sizes and allows to weigh patients lying on stretchers during transport. The use as a wheelchair scale is a further option. The pre-tare function allows to deduct the weight of the stretcher.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

Power supply:

Mains and rechargeable batteries



PD 1400 x 800 mm

Optional accessories: ADE MZ30010 second ramp

Electronic wheelchair scale

ADE M501020 (III)



Electronic wheelchair scale with integrated ramps on both sides. Two handgrips and transport castors allow an easy handling of the scale. The all steel construction provides extra stability and takes weight up to 300 kg. Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

CP 300 kg **GR** 100 g

UT kg

PD 800 x 800 mm

Power supply: Mains and rechargeable batteries



Electronic chair scales

Electronic chair scale

ADE M403020 (III)



Due to its four steering wheels of which two are fitted with brakes, this chair scale can be moved into the smallest corner without any effort. The foldable foot rests allow a trouble-free access for the patient. The patted arm rests and the ergonomic seating position make the scale comfortable to use.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

CP 250 kg

100 g

SH 490 mm

Power supply:

Mains and rechargeable batteries





Steering wheels with brakes



Electronic chair scale

ADE M400020 (II)



Comfortable and practical chair scale. Swiveling foot and arm rests allow patients a comfortable access in and out of the chair. Four wheels make the scale easily maneuverable and safe due to two brakes at the back wheels. Tare and the hold function help to handle the weighing process. Powered by rechargeable batteries or mains for the use at any place.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

Power supply: Mains and rechargeable batteries

Electronic chair scale with 4 steering wheels

M400020-01 (III)



M400020-01 with 4 steering wheels



Indicator

CP 250 kg

GR 100 g

UT kg

SH 525 mm



Bed scales

Electronic bed scales

Electronic bed weighing scale

ADE M600020 (II)



For the use of bedridden patients in intensive care units and an essential must in kidney units during dialysis treatment. The bed can easily be pushed onto the four weighing shoes with the help of the integrated ramps.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface, including mobile stand

CP 500 kg

PW 300 kg

GR 100 g

UT kg

Power supply: Mains and rechargeable batteries







Electronic bed weighing scale

ADE M601020 (III)

Electronic bed weighing scale, specifications as model ADE M600020 with two independent weighbridges with built-in ramps for effortless placing of beds.

Functions: Automatic zero setting, tare, pre-tare with 10 memories, hold function, BMI function, low battery indication, auto switch off, RS232 interface

Ramps measurement: 1000 x 450 x 90 mm

CP 500 kg

PW 300 kg

GR 100 g

UT kg

Power supply: Mains and rechargeable batteries



Bed scale ADE M601020 in use



Measuring devices and accessories









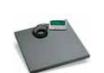


	MZ10038 Stadiometer mechanical	MZ10023-3 Telescopic height measure/wall mounting	MZ10023-1 Telesc. height measure, scale and wall mounting	MZ10042 Portable stadiometer mechanical	MZ10017 Mechanical body length measuring tape	MZ10021 Mechanical circumference measuring tape
pages 7 – 17	page 16	page 15	page 15	page 16	page 17	page 17
Technical Specifications						
Length measuring range	800 – 2100 mm	60 – 2100 mm	600 – 2100 mm	150 – 2100 mm	0 – 2100 mm	50 – 1500 mm
Graduation	1 mm	1 mm	1 mm	1 mm	1 mm	1 mm
Units	cm	cm	cm	cm	cm	cm
Dimensions	880 x 450 x 350 mm	930 x 330 x 35 mm	930 x 35 x 35 mm	348 x 410 x 214 mm	140 x 35 x 130 mm	55 x 80 x 20 mm
Weight	6.2 kg	1 kg	750 g	2.3 kg	180 g	45 g
Power supply	-	-	-	-	-	-
Ontions	_	_	_	MZ10043 carrying bag	_	_

Column	sca	les



Floor scales	





	M320000-01 Electronic column weighing scale	M320000-02 Electronic short column weighing scale		M320000 Electronic floor scale	M301020 Electronic wide body platform scale	M301020-01 Electronic wide body handrail scale
pages 11 - 13	pages 12 - 13	page 11	pages 10, 14	page 10	page 14	page 14
Technical Specifications			Technical Specifications			
Capacity	250 kg	250 kg	Capacity	250 kg	300 kg	300 kg
Graduation	50 g < 50 kg > 100 g	50 g < 50 kg > 100 g	Graduation	50 g < 50 kg > 100 g	100 g	100 g
Units	kg	kg	Units	kg	kg	kg
Length measuring range	890 – 2100 mm	-	Length measuring range	-	-	-
Dimensions weighing platform	350 x 450 mm	350 x 450 mm	Dimensions weighing platform	380 x 305 mm	600 x 600 mm	600 x 600 mm
Dimensions overall	350 x 450 x 920 mm	350 x 450 x 270 mm	Dimensions overall	380 x 305 x 44 mm	600 x 600 x 55 mm	600 x 600 x 1145 mm
Weight	7.7 kg	7 kg	Weight	4.0 kg	18 kg	24 kg
Power supply	mains adapter, batteries 4 pcs x AA	mains adapter, batteries 4 pcs x AA	Power supply	mains adapter, batteries 4 pcs x AA	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries
Approved class			Approved class			
Functions			Functions			
Automatic shut off	•	•	Automatic shut off	•	•	•
Tare	•	•	Tare	•	•	•
Hold	•	•	Hold	•	•	•
Automatic zero setting	•	•	Automatic zero setting	•	•	•
Manual zero adjustment	-	-	Manual zero adjustment	-	-	-
BMI	•	•	BMI	•	•	•
User memory	-	-	User memory	-	10	10
Mother child function	•	•	Mother child function	•	-	-
Transport castors	•	•	Transport castors	-	-	•
Options	MZ10023-1 mechanical measuring rod	-	Options	mains adapter, MZ10062 carrying bag	-	-



Measuring devices and accessories



Wheelchair scales		٩	1		
	13				
	M500020 Electronic wheelchair scale	M500020-02 Electronic wheelchair scale/ foldable column	M500020-03 Electronic wheelchair scale / foldable handrail	M500020-C Electronic stretcher scale	M501020 Electronic wheelchair scale
pages 18 – 19	page 18	page 18	page 18	page 19	page 19
Technical Specifications					
Capacity	300 kg	300 kg	300 kg	300 kg	300 kg
Graduation	100 g	100 g	100 g	100 g	100 g
Units	kg	kg	kg	kg	kg
Dimensions weighing platform	800 x 800 mm	800 x 800 mm	800 x 800 mm	1400 x 800 mm	800 x 800 mm
Dimensions overall	915 x 800 x 44 mm	915 x 800 x 900 mm	915 x 800 x 900 mm	1515 x 800 x 65 mm	1070 x 1050 x 70 mm
Weight	22 kg	27 kg	34 kg	43.5 kg	45 kg
Power supply	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries
Approved class					
Functions					
Automatic shut off	•	•	•	•	•
Tare	•	•	•	•	•
Hold	•	•	•	•	•
Automatic zero setting	•	•	•	•	•
Manual zero adjustment	-	-	-	-	-
BMI	•	•	•	•	•
Steering wheels	-	-	-	-	-
Transport castors	•	•	•	•	•
Ramps	•	•	•	•	•
Options	MZ30010 second ramp	MZ30010 second ramp	MZ30010 second ramp	MZ30010 second ramp	-

Infant scales







Chair scales





	M118000 Electronic baby weighing scale	M118000-01 Electronic baby weighing scale with length measure	M101000-01 Baby and toddler weighing scale		M403020 Electronic chair scale	M400020 Electronic chair scale
pages 5 – 7	page 5	page 6	page 7	pages 20 - 21	page 20	page 21
Technical Specifications				Technical Specifications		
Capacity	20 kg	20 kg	20 kg	Capacity	250 kg	250 kg
Graduation	5 g < 10 kg > 10 g	5 g < 10 kg > 10 g	5 g < 10 kg > 10 g	Graduation	100 g	100 g
Units	kg	kg	kg	Units	kg	kg
Length measuring range	-	400 – 800 mm / 2 mm	-	Dimensions weighing platform	seat 380 x 450 mm	seat 450 x 400 mm
Dimensions baby tray	600 x 280 x 90 mm	600 x 280 x 90 mm	560 x 280 x 95 mm	Dimensions seat/seat hight	seat height 490 mm	seat height 525 mm
Dimensions	600 x 350 x 135 mm	644 x 350 x 135 mm	560 x 350 x 130 mm	Dimensions overall	600 x 850 x 960 mm	570 x 1055 x 935 mm
Weight	3.2 kg	3.4 kg	3.4 kg	Weight	28 kg	28 kg
Power supply	mains adapter, batteries 4 pcs AA	mains adapter, batteries 4 pcs AA	mains adapter, batteries 6 pcs AA	Power supply	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries
Approved class				Approved class		
Functions				Functions		
Automatic shut off	•	•	-	Automatic shut off	•	•
Tare	•	•	•	Tare	•	•
Hold	•	•	•	Hold	•	•
Automatic zero setting	•	•	•	Automatic zero setting	•	•
Manual zero adjustment	-	-	-	BMI	•	•
	mains adapter,		MZ10060	Steering wheels	4	2
Options	MZ10060 carrying bag	mains adapter	carrying bag	Castors	-	2
Dedesses				Options	-	M400020-01 4 steering wheels

Bed scales





M601020

	bed weighing scale	bed weighing scale
page 22 – 23	page 22	page 23
Technical Specifications		
Capacity	500 kg	500 kg
Graduation	100 g	100 g
Units	kg	kg
Max. patients' weight	300 kg	300 kg
Dimensions overall	600 x 550 x 920 mm	1000 x 450 x 90 mm
Weight	33 kg	29 kg
Power supply	mains adapter, rechargeable batteries	mains adapter, rechargeable batteries
Approved class		
Functions		
Automatic shut off	•	•
Tare	•	•
Hold	•	•
Automatic zero setting	•	•
Automatic zero setting BMI	•	•
· ·		• • • • • • • • • • • • • • • • • • • •
BMI	•	10

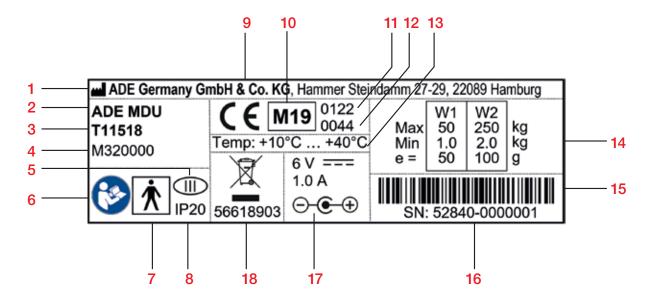
Product range subject to alterations and improvements. All measurements are approximate in L x W x H or L x W. All rights reserved. No responsibility is taken for printing errors.

There is a solution to every problem!

:: For ADE, health is not just an obligation but also a challenge. Again and again, day-to-day medical care calls for user-friendly solutions. Good to know that the scale designers at ADE find new solutions for any of these special requirements. Whether they give advice, provide services, or develop products – here, professionals work for professionals.

For more information, please visit ade-germany.de

Signs and markings in the field of medical weighing



- **1.** Manufacturer (approved: as per type approval)
- 2. Designation (approved: as per type approval)
- Number of the type examination certificate (type approval) for the weighing instrument (including test certificate)
- 4. Article number
- 5. Accuracy class of the weighing scale
- **6.** Note the accompanying documents
- 7. Protection against electric shock
- 8. IP classification, protection against contact and ingress of water and dirt
- 9. Labelling for compliance with the EU directive
- Metrological marking with year of conformity assessment (manufacturer's certification)
- 11. Number of the notified body certifying the correctness of the conformity assessment of non-automatic weighing instruments to be carried out by the manufacturer. Products with this marking comply with Directive 2014/31/EU relating to the making available on the market of non-automatic weighing instruments.
- 12. Number of the notified body certifying the correctness of the conformity assessment of medical devices to be carried out by the manufacturer.

 Products with this marking comply with Medical Device Directive 93/42/EEC.
- **13.** Temperature range of the guaranteed measuring accuracy
- 14. Performance details of scale
- 15. Serial number as barcode-128
- **16.** Serial number (in plain text)
- 17. Details on power supply and protective insulation
- 18. Environmental registration code



Our quality promise

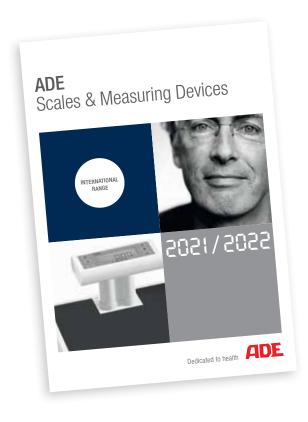
We offer our customers quality at the highest level. That is why ADE Germany GmbH & Co. KG operates an integrated quality management system which has been certified by TÜV NORD CERT GmbH in accordance with the following standards:

- DIN EN ISO 9001 quality management
- DIN EN ISO 13485 quality management system for medical devises

2021/2022

MEDICAL CLASS III APPROVED RANGE





Our international range of scales and measuring devices – for professional use



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