

DN line from 6 kg up to 600 kg enameled, with IDNet interface



Bench/stand scales with rugged, high-quality construction for industrial use.

- 5 platform sizes
- Simple construction thanks to monobloc cells
- Black enameled basic structure
- Load plates made of CrNi steel (1.4301)
- Powerful A/D converter
- Plug and weigh with IDNet data interface
- Verifiable 3000 points resolution
- Nonverifiable, freely configurable
 - => max. load, resolution up to 60 000 points
 - => Multi-interval, **DualRange** or **MultiRange**
- Update rate of measured values up to 16/sec.
- Vibration adapter: choice of 3 settings
- Weighing process adapter: choice of 3 settings
- Stability detector: choice of 4 settings
- Degree of protection IP55
- Extensive range of optional equipment (bench stand, roller track, stand, etc.)

One data interface; many combination possibilities

- Replacement of the terminals without violating the certification
 - ID1 plus Compact Terminal
 - ID3s Universal Terminal
 - ID5 Control Terminal
 - ID7 Application Terminal
 - ID20 PC Terminal
- Up to 3 scales attachable to 1 terminal
- Extensive range of optional equipment (printer, wand reader, etc.)



METTLER TOLEDO

Designations

Bench/stand scales
Basic structure black enameled
Load plate made of X5 CrNi 1810
(1.4301/AISI 304)

Size

DN

A
BB
B
BC
CC

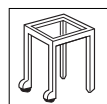
6 — Weighing range [kg]
:
600

Designation	Platform size mm	Height mm	Max. weighing capacity kg	Net weight scale kg
DNA	240 x 300	80	6 15	6
DNBB	300 x 400	86	30 60	12
DNB	400 x 500	86	60 150	20
DNBC	500 x 650	100	60 150 300	25
DNCC	600 x 800	115	60 150 300 600	28

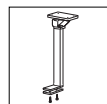
Technical data

Weighing range	kg	6	15	30	60	150	300	600	
Cell capacity	kg	10	20	60	100	250	500	635	
Readability (verifiable)	g	2	5	10	20	50	100	200	
Readability (nonverifiable)	g	0.1	0.2	0.5	1	2	5	10	
Zero setting range	kg	0.12	0.3	0.6	1.2	3	6	12	
Preload range	kg	1.08	2.7	5.4	10.8	27	54	24	
Temperature range		-10° to +40°C							
Taring range		by subtraction from 0 to maximum capacity							
Max stat. safe load	central	kg	40	40	100	100	200	400	700
	side	kg	30	30	70	70	140	300	400
	corner	kg	15	15	35	35	75	150	200

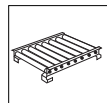
Optional equipment for DN platforms



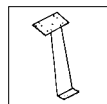
Bench stand, rigid frame construction, two feet with casters, height 560 mm
black finish stainless
00503631 (400 x 500 mm) 00503632
00504853 (600 x 800 mm) 00504854



Pillar support, for mounting terminal on bench stand, incl. fastenings. Choice of black finish stainless
Order No. 00504127
stainless Order No. 00504128



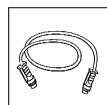
Roller track, 8 steel-clad rollers. Motion lengthwise, no fittings needed.
anti-rust stainless
00503640 (400 x 500 mm) 22001647
00504852 (600 x 800 mm) 22001648



Scale stand, for fastening the ID terminals to enameled weighing platforms. Max. platform size 500 to 650 mm; 430 mm stainless
Order No. 22002055



Scale stand, adjustable, for fastening the ID terminals to stainless weighing platforms. Max. platform size 500 to 650 mm; height adjustable between 600 and 800 mm stainless
Order No. 22002057



Extension cable, length 10 m, connector at both ends. For remote location of the ID terminal. Order no. 00504134



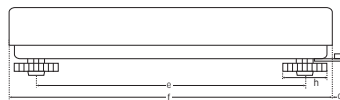
Cable adapter kit for ID terminal, comprising 2 junction boxes, for extending connection cable up to 100 m, Box at terminal end with cable of length 2.5 m. Order No. 00504133



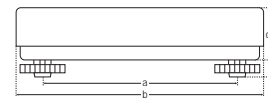
Special cable on reel, used with adapter kit for ID terminals, for extending connection cable to required length. Order No. 00504177

Dimension diagrams

Front view



Side view



Dimensions (mm)

Model	a	b	c	d	e	f	g	h
DNA...	175	240	80	62	235	300	22	55
DNBB...	235	300	86	66	335	400	22	55
DNB...	335	400	86	66	435	500	22	55
DNBC...	435	500	100	85	587	650	22	55
DNCC...	503	600	115	97	724	800	21	35



ISO-quality certificate
Development, production
and testing following ISO9001



«Conformité Européenne»
This mark offers the assurance
that these scales conform with
the latest EU directives and can
be supplied ready certified.

Sales and service: