

D 70 „Low Budget“ weighing terminal in 2 versions

Version D70a for platform scales or

Version D70b for use in system construction and component business

Practical! Low-cost! Good!



- For simpler weighing jobs – flexible usage nevertheless assured
- Excellent price-performance ratio
- Commercially verifiable to precision class III as standard
- CE-approved to EU guidelines, EMC-tested
- Single or multi-range version with automatic switching (maximum 3 ranges)
- Excellent viewing assured by 7-place, red, background illuminated LED display (height 20 mm)
- Sturdy membrane keypad with 6 large function keys
- For connection to all common analogue load cells

Technical data D 70

Housing	tough ABS plastic, protection class IP 20, front IP 65
Weight	650 g (power supply via power module) 750 g with internal power module 800 g with battery pack (battery operation)
Operating temperature	-10°C to +40°C
Storage temperature	-20°C to +70°C
Relative humidity	max. 85%, non-condensing
Power supply	85-265 V AC, 50/60 Hz with external and internal power module 12 V DC with external batteries
Optional power supply D 70a only:	7.2 V DC with rechargeable batteries (commercially available nickel-metal hydride Ni-MH AA 1.5 V) + charging device
Resolution	verifiable up to 6,000 d, non-verifiable up to 30.000 d
Units of measurement	kg, g, lb
May be implemented as a remote display	
Prerequisites for a computer connection	
Verifiable only in connection with verifiable memory "VWP"	

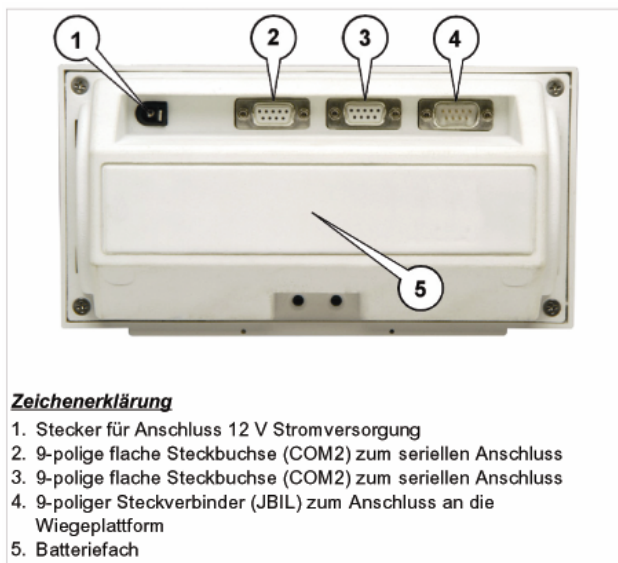
D 70 control elements and displays



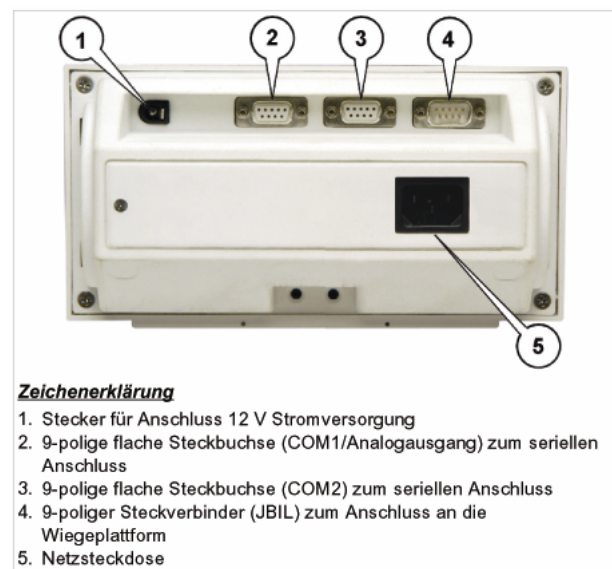
Main differences between versions D 70a / D 70b

	Version D 70a	Version D 70b
Implementation area	Industry and commerce (for connection to platform scales)	System construction (for mounting in control cabinets)
Voltage supply	External plug-in power module, battery operation or rechargeable Ni-MH batteries + charging device	External plug-in power module or internal power module (no battery operation)
Connectable load cells	Up to 4 analogue load cells (350 ohms each)	Up to 12 analogue load cells (350 ohms each) 1 analogue output 0-10V, (0)...4 – 20 mA with 10000d resolution

Rear view D 70a



Rear view D 70b



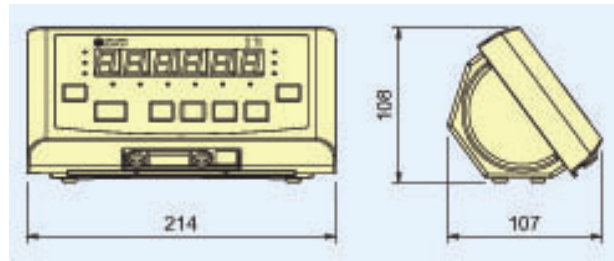
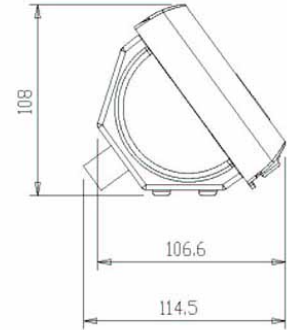
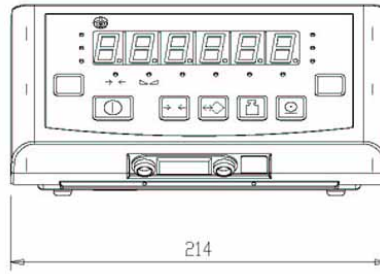
Variable display (dark / bright)

Function period with battery up to 16 h (when connected to a PMA platform scale with darker display setting)

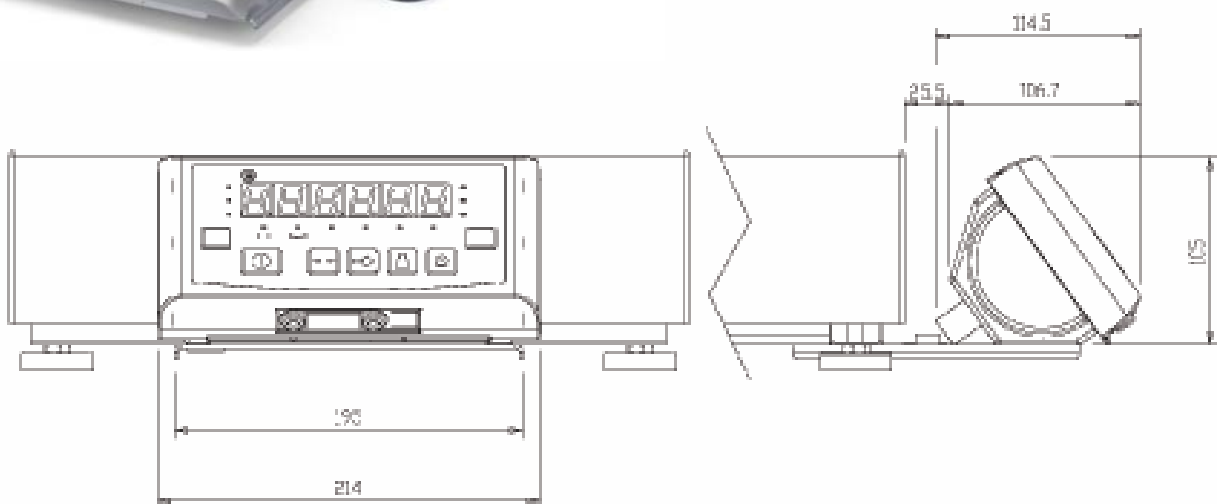
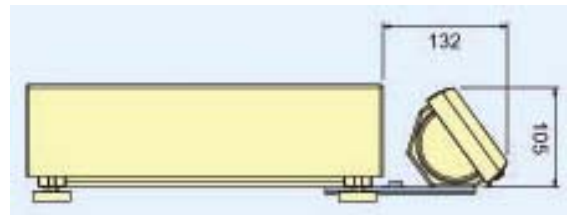
Auto switching-off may be set to save the battery

D 70 desktop variants

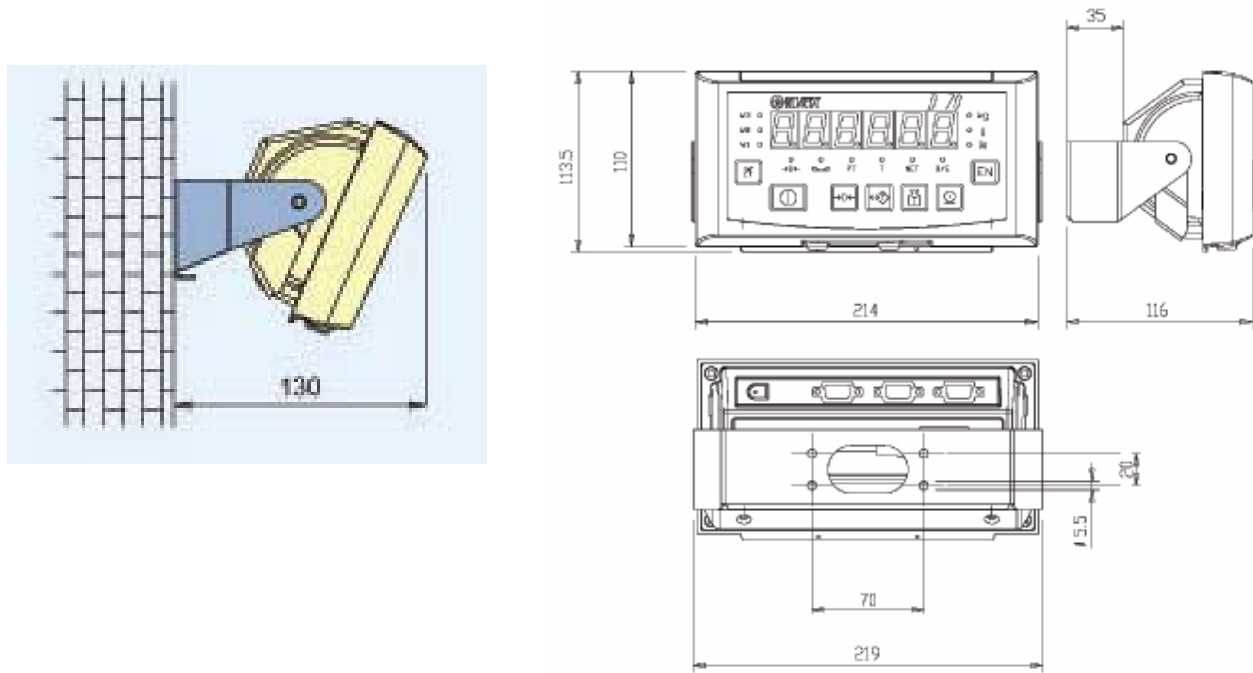
D 70 desktop mounting (standard)



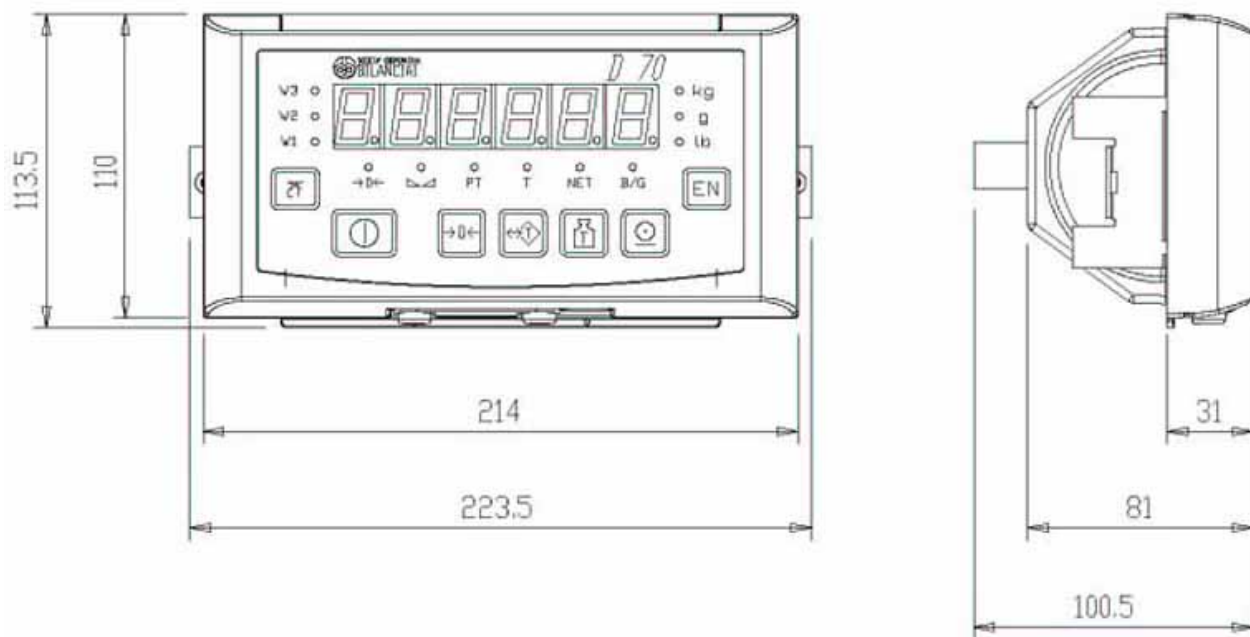
D 70 compact mounting on desktop scale type PMA



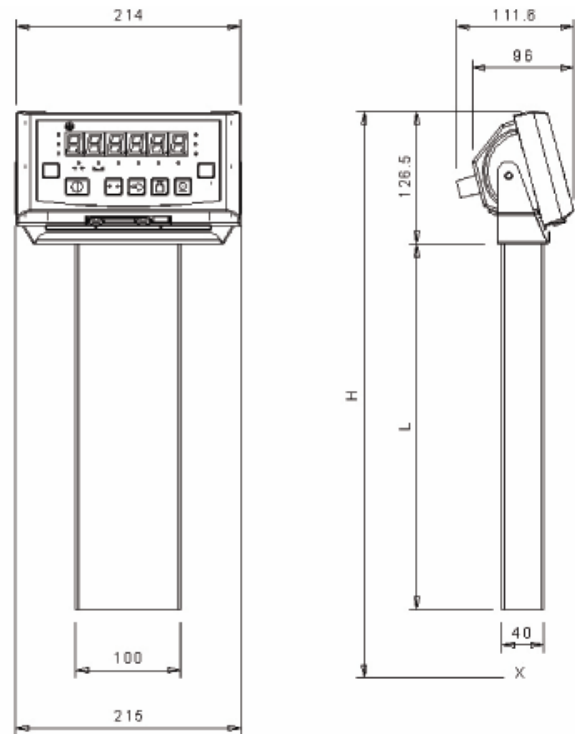
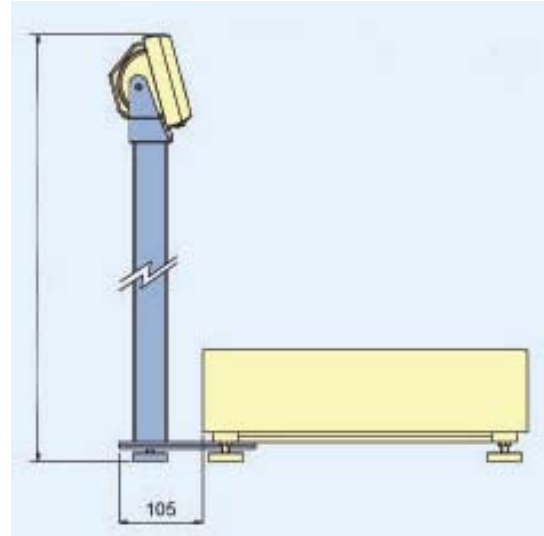
D 70 wall mounting with securing kit



D 70 rack mounting kit (for mounting in control cabinets, e.g. on concrete or proportioning systems)



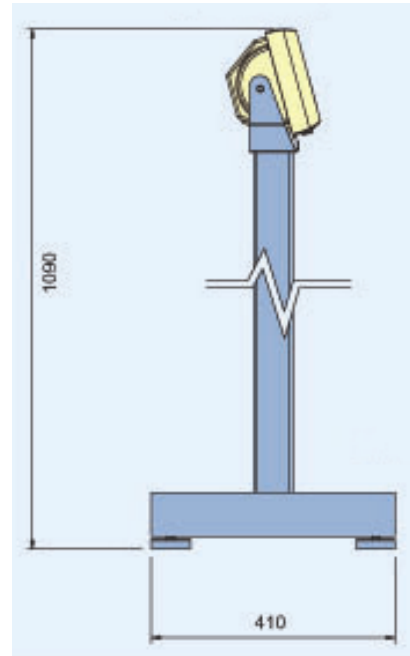
D 70 on a low desktop column or high floor column on platform scale PMA



Low column on PMA: L = 350 mm, H = 500 mm
High column on PMA: L = 900 mm, H = 1055 mm
X = terminal support

D 70 on floor column with pedestal

(for combining with platform scale types PRM, LPS, BPU etc.)



Data management

- gross / tare / net
- tare memory
- auto tare or preset tare
- battery charging status display (if available)

- zeroing
- test
- simple counter scale function

Example: version D 70a with Ni-MH battery pack



Data interfaces

2 serial interfaces

EIA RS 232 and
may be configured EIA RS 232 / 422 / 485

Extras / accessories

- Wall mounting kit
- Fixture for rack mounting
- Fixture for compact mounting on platform scale PMA
- High or low column for attachment to platform scale PMA
- Floor column with pedestal
- Rechargeable nickel-metal hydride batteries (Ni-MH AA) + charging device
- Thermal printer for connection to the weighing terminal – simple standard print-out (only tare and net), printing format cannot be changed (please refer to product information thermal printer no. 603 for technical data)

The Pfister platform scale program including D 70 weighing electronics may be supplied works calibrated and may be operated directly by the customer.



- Technical data subject to modification without notice -

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**Product information
no. 664**

08/2006