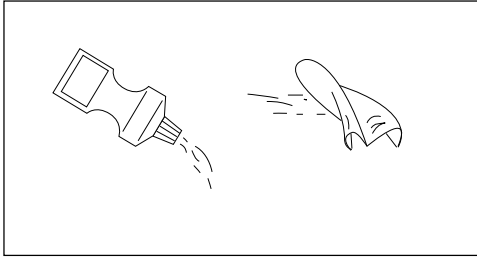


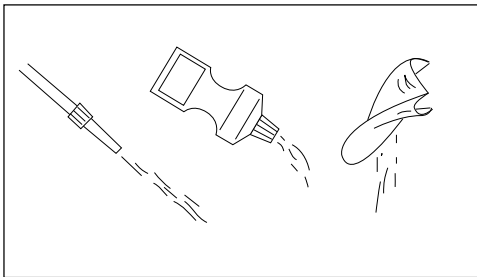
## 6. Cleaning the weighing platform

Maintenance of the weighing platform is restricted to regular cleaning. The procedure depends on the ambient conditions prevailing at the location.



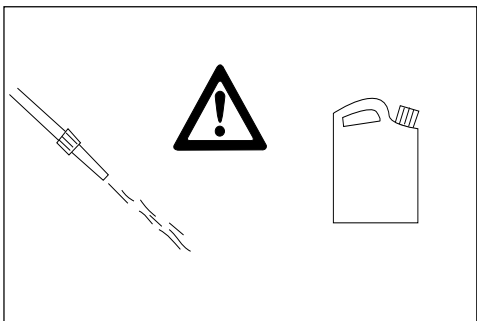
### Cleaning the exterior, dry surroundings

- Wipe with a damp cloth.
- Usual household cleaning agents.



### Cleaning the exterior, wet surroundings

- Water jet.
- Usual household cleaning agents.



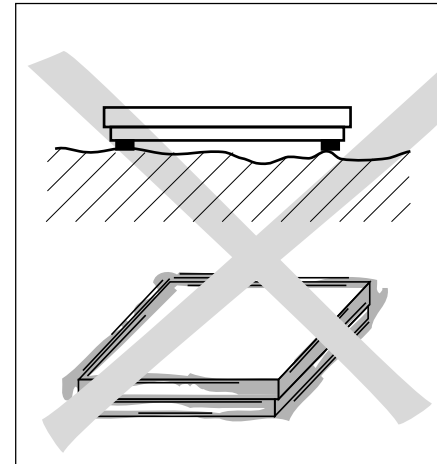
### Cleaning the exterior, corrosive surroundings

- It is essential to remove corrosion-initiating substances at regular intervals.
- Use disinfectants and cleaning agents only in accordance with the producer's instructions and stipulations.
- Water jet up to 60 °C.

## 1. Cautionary notes

### DP line

- The explosion-protected weighing platform is approved for operation in hazardous areas (see technical data).  
There is an increased danger of injuries and damage when using the weighing platform in hazardous areas! Exercise particular care when using in such areas. The rules for behavior are based on the concept of " Safe Distribution" established by METTLER TOLEDO.



### Selection of the location

- The foundation at the installation site must be capable of safely supporting the weight of the scale at the support points when it carries the maximum load. At the same time, it should be so stable that no vibrations occur during weighing operations. These requirements also apply if the weighing platform is integrated in conveying systems and the like.
- Ensure the vibrations due to machines near the installation site are kept to a minimum

### Ambient conditions for the DP line

- Weighing platform can be used in a dry or wet environment.

**Using DP...x-platforms in hazardous areas, please note additionally the operating instructions "Explosion proof Weighing system 00704516".**

## 2. Equipotential bonding

The equipotential bonding must be installed by a professional electrician when using the weighing platform in Zones 1/2 and 21/22. METTLER TOLEDO Service only has a monitoring and consulting here.

=> Connect equipotential bonding (PA) of all devices (weighing platform and service terminal) in accordance with the country-specific regulations and standards. In the process, make sure that all device housings are connected to the same potential via the PA terminals.

### 3. Putting into operation

All operating terminals with IDNet interface can be attached to the DP-line pallet scales. The weighing platforms of the T version can be attached to terminals with integrated A/D converter.

#### Connecting Analog (T) Version

Terminal	Color
EXC+ [IN+]	grey
SEN+ [IN-]	yellow
SIG+ [OUT+]	white
SIG- [OUT-]	brown
SEN-	green
EXC-	blue

### 4. Technical data DP - Line

#### 4.1 Load cell

Ignition protection type

#### Beam load cell

II 3G EEx nA IIC T6  
 $T_a \leq 70^\circ\text{C}$   
 II 3D IP68 T 80°C

#### Ring load cell

II 2G EEx ia IIC T6...T4  
 $-20^\circ\text{C} \leq T_a \leq +40^\circ\text{C}$   
 II 2D IP68/66 T 70°C

#### 4.2 Electronic housing

Ignition protection type

#### Point ADC

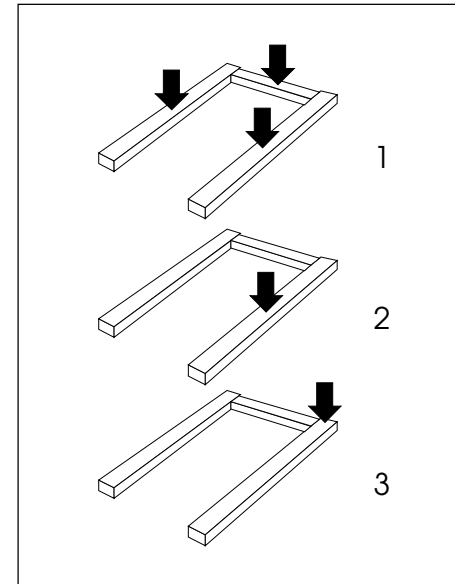
II 3G Ex nA II T4; Ex nV II T4  
 TÜV Nord TÜV 99 ATEX 1445

II 3G/D EEX nA II T4  
 $T+50^\circ\text{C}$  IP68  
 ASEV 00 EX 0494

#### Analog (T)

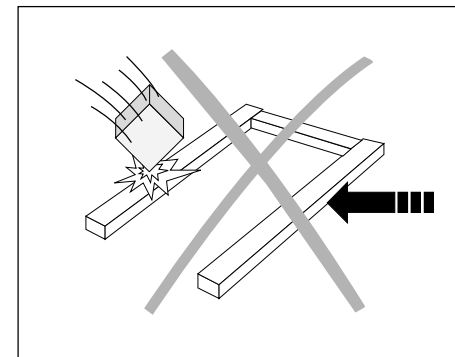
passive component

### 5. Operating limits



- Although the weighing platforms have an extremely rugged construction, certain load limits must not be exceeded.
- Depending on the type of loading, the maximum safe static load, i.e. maximum admissible loading is:
 

Load evenly distributed (1):	3300 kg
Lateral load placed in the middle (2):	1950 kg
One-sided cornerload (3):	975 kg

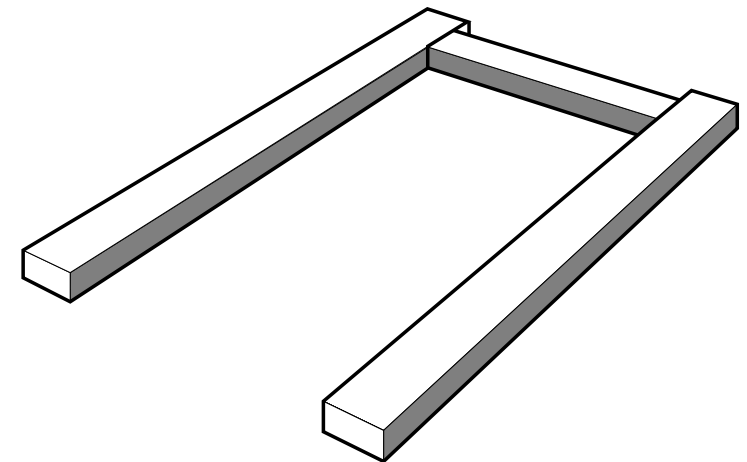


- Falling loads, shocks and lateral impacts must be avoided.
- The load forks of the fork-lift truck must not touch the frame parts of the scale in weighing operation.

## Operating instructions

**METTLER TOLEDO MultiRange  
Pallet scales  
DP line**

**METTLER TOLEDO**



**00705985**

Subject of technical changes © Mettler-Toledo (Albstadt) GmbH 05/03 Printed in Germany 00705985F

**Mettler-Toledo (Albstadt) GmbH**

D-72458 Albstadt

Tel. ++49-7431-14 0, Fax ++49-7431-14 232

Internet: <http://www.mt.com>

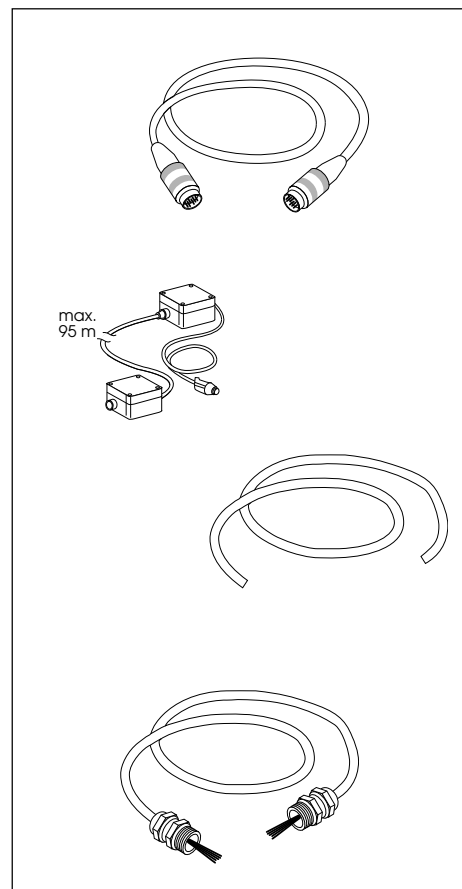
## 7. Optional equipment

### General optional equipment

The optional equipment is supplied only in chrome-nickel steel.

### Order No.

Wheel set, complete	00505635
Wheel set, Ex, complete	00505636
Extension, complete	00505634
Shaft, complete	00505637
Load plate, complete	00505633
Holder ID, complete	00505638
Battery holder, Ex	00505640



### Optional equipment DP600/DP1500/DP3000

Connection cable extension length 10 m, connectors at both ends. For remote location of terminal

00504134

Cable adapter kit, comprising two junction boxes for extending connection cable up to 100 m. Box at terminal end with connection cable of length 2.5 m.

00504133

Special cable on reel, used with cable adapter kit for extension of connection cable to required length.

00504177

### Optional equipment DP600T/DP1500T/DP3000T

Connection cable analog, length 10 m, both ends prepared for remote location of the terminal with integrated A/D converter.

00204555