

Even the Best Balances Need Some Care

Cleaning Rules – Dos and Don'ts

- First, remove powder and dust, then sticky substances. For powder and dust use a tissue. Never blow onto or into the balance as this could transfer dirt or spilled sample materials inside.
- For removal of sticky substances, use a damp, lint-free cloth and mild solvent such as 70% ethanol or isopropanol; avoid abrasive materials. Do not spray or pour liquids directly onto the balance.
- Wipe away from the cone opening (where the pan sits) or air ducts (gaps in front or at rear of the draft shield), when using a cloth or brush.
- Remove parts for cleaning where possible (e.g. weighing pan, drip, tray). Only remove parts that can be removed without tools and whose removal is described in the operating instructions.
- Do not disconnect peripheral devices unless cleaning is not otherwise possible.



		Cleaning Tools			Cleaning Agents						
		Paper tissue	Brush	Dishwasher	Water	Acetone	Ethanol (70%)	Isopropanol (70%)	Hydrochloric acid (3–10%)	Sodium hydroxide (0.1–1.0 M)	Peracetic acid (2–3%)
Surrounding	Lab bench or weighing table	✓	(R)	n.a.	R	(D)	✓	R	(D)	(D)	(D)
Balance Housing	Top housing	✓	(R)	–	R	–	R	✓	R	R	R
	Bottom housing	✓	(R)	–	R	–	R	✓	R	R	R
	Back housing	✓	(R)	–	R	–	R	✓	R	(R)	R
	Level indicator / level sensor / level bubble	✓	(R)	–	✓	–	(R)	(R)	R	R	R
	Feet	R	(R)	–	R	–	R	✓	R	R	R
Balance Terminal	Terminal	✓	–	–	✓	(R)	(R)	(R)	R	R	R
	Screen / display	✓	–	–	✓	(R)	R	R	R	R	R
Balance Draft Shield	Glass panes	R	(R)	✓	R	(R)	R	R	R	R	R
	Glass-free panes	R	(R)	–	R	–	✓	R	R	R	R
	Non-removable handles and frames	✓	(R)	–	R	(R)	R	✓	R	R	R
Weighing Area	Draft ring element / wind ring	R	(R)	✓	R	–	(R)	(R)	R	(R)	R
	Weighing pan	✓	(R)	–	R	(R)	✓	R	R	R	R
	SmartGrid™ weighing pan	R	(R)	✓	R	(R)	R	R	R	R	R
	SmartPan™ weighing pan	R	(R)	✓	R	(R)	R	R	R	R	R
	Drip tray	R	(R)	✓	R	–	(R)	(R)	–	–	R
Accessories	Protective cover	✓	(R)	–	✓	–	R	R	R	R	R
	ErgoClips	✓	R	D	R	(R)	✓	R	R	R	R
	Antistatic kit	✓	R	–	–	–	–	–	–	–	–

Table 1: Compatibility of balance parts with cleaning tools and agents or chemicals

✓ : Best recommendation by METTLER TOLEDO, can be used without limitation **R**: Recommended by METTLER TOLEDO, can be used without limitation **(R)**: Partially recommended by METTLER TOLEDO (for selected balance lines only, please check operating instructions; might also depend on your internal regulations.) **(D)**: Depending on the material used: individual durability and resistance to acid and alkali must be evaluated, –: Not recommended



Clean the balance in its working location; do not tilt, move or carry it around if you have not been instructed on how to carry a balance. Incorrect handling may cause serious damage.