

## 1.2 Overview of the Complete Furnace

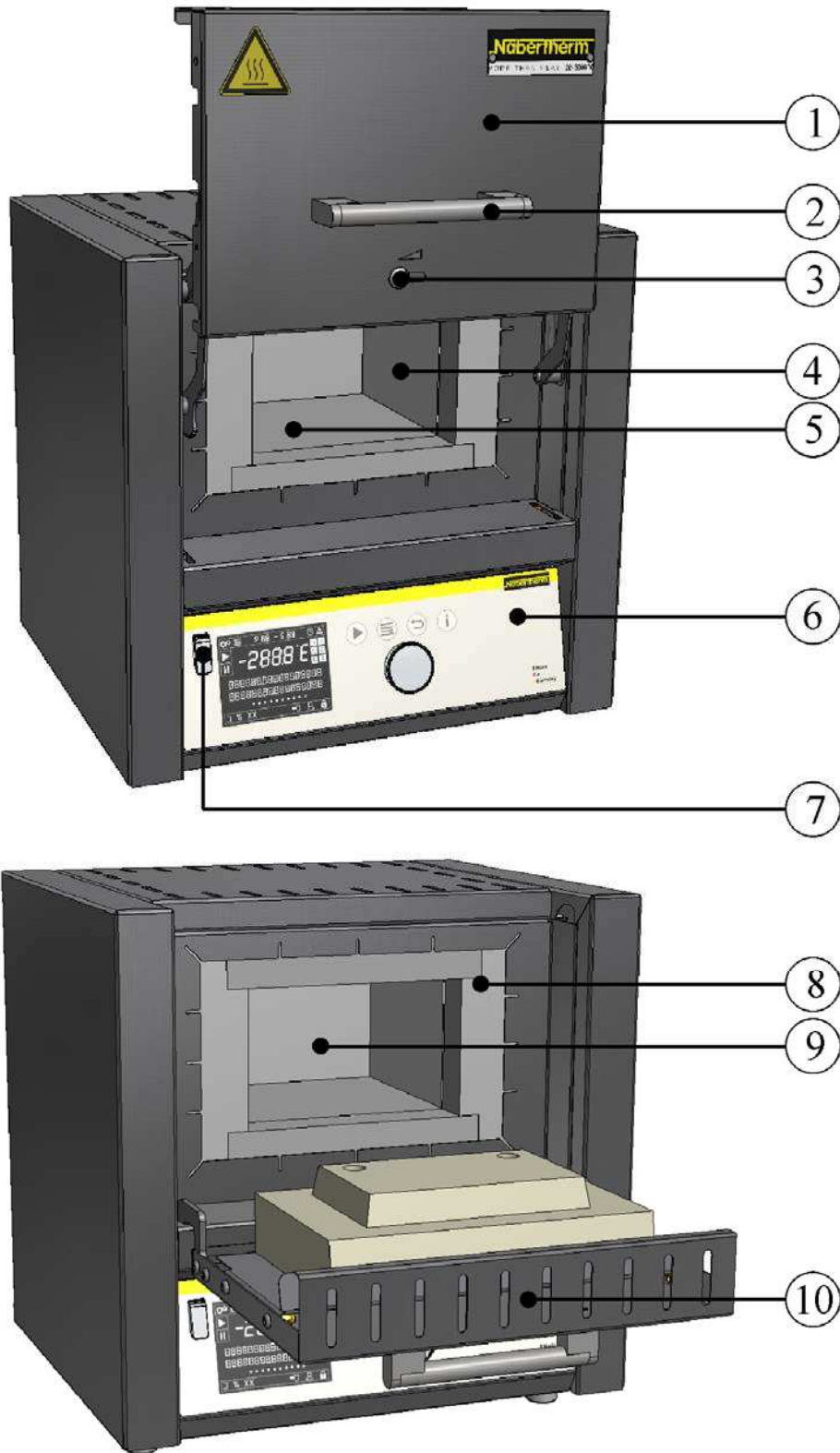


Fig. 1: Example: Overview of model LT ../11-12 (lift door) and L ../11-12 (folding door; illustration similar)

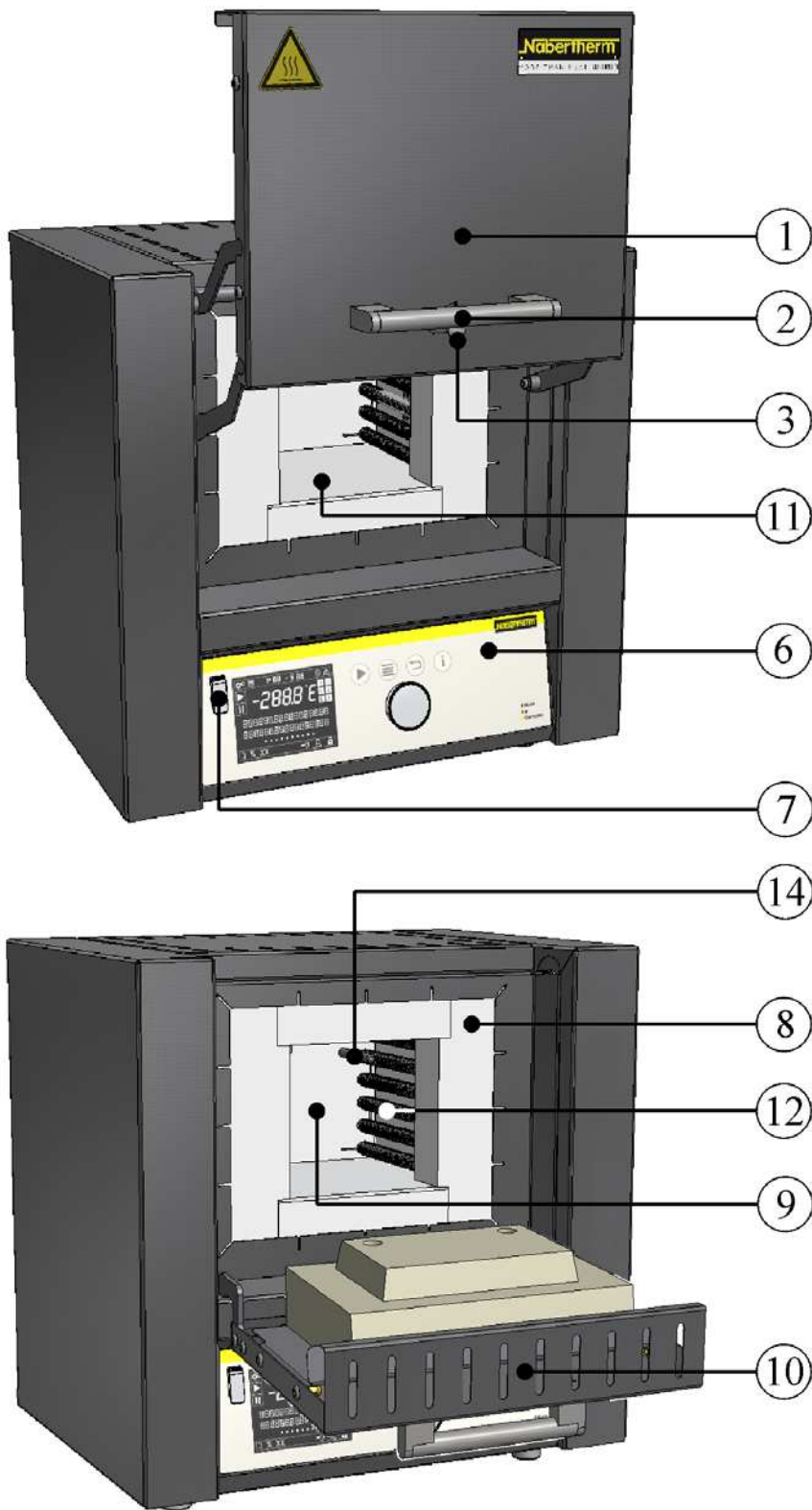


Fig. 2: Example: Overview of model LT ../13 (lift door) and L ../13 (folding door; illustration similar)

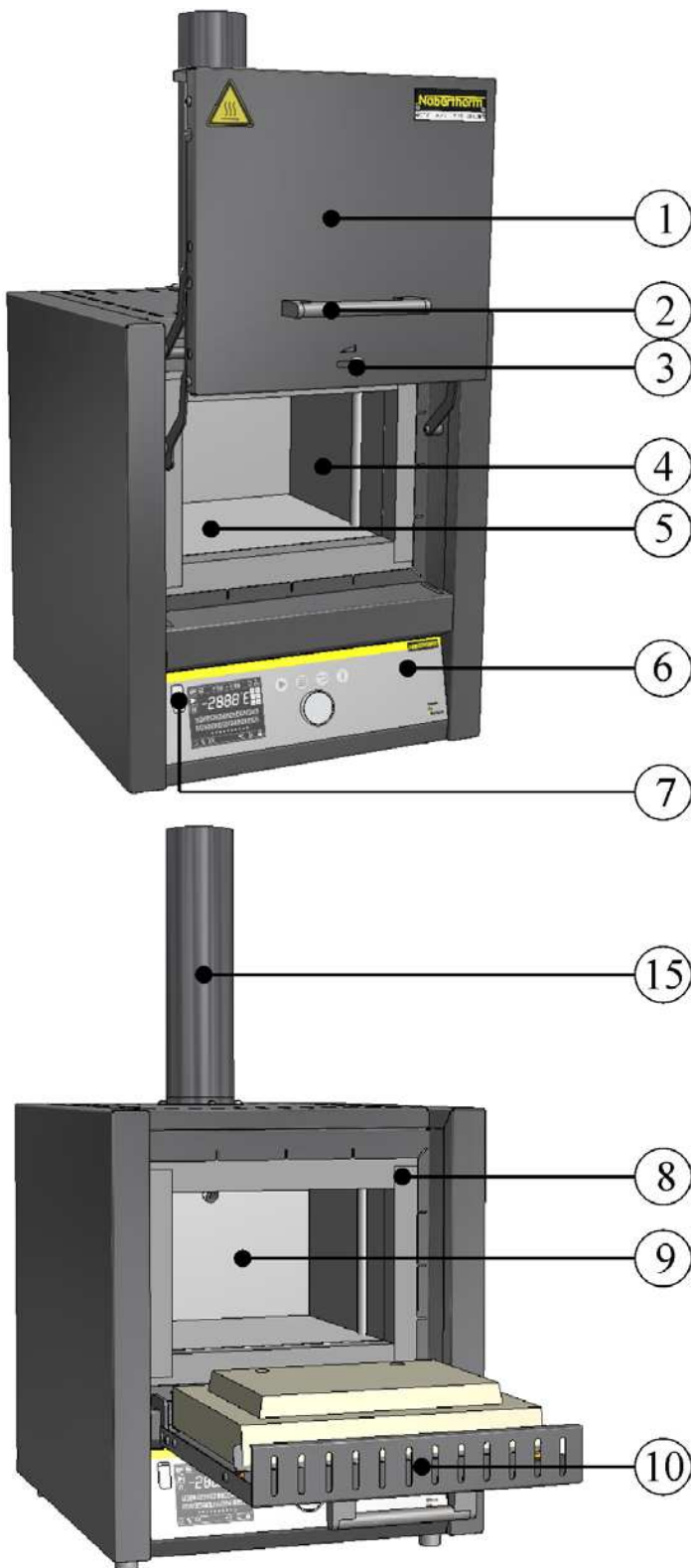


Fig. 3: Example: Overview of model LVT ../11 (lift door) and LV ../11 (folding door; illustration similar)

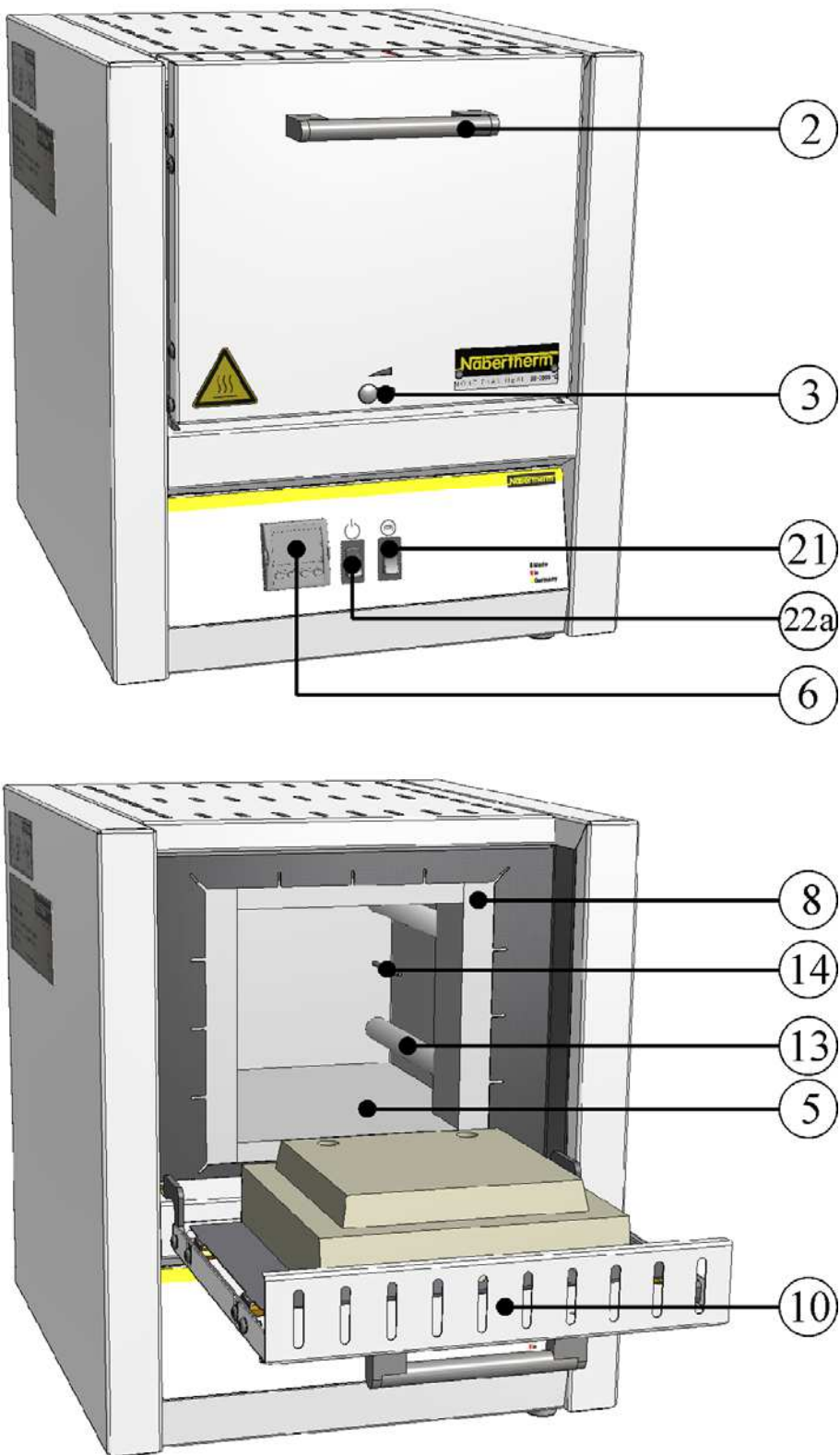


Fig. 4: Example: Overview of model LE ../11 (folding door; illustration similar)

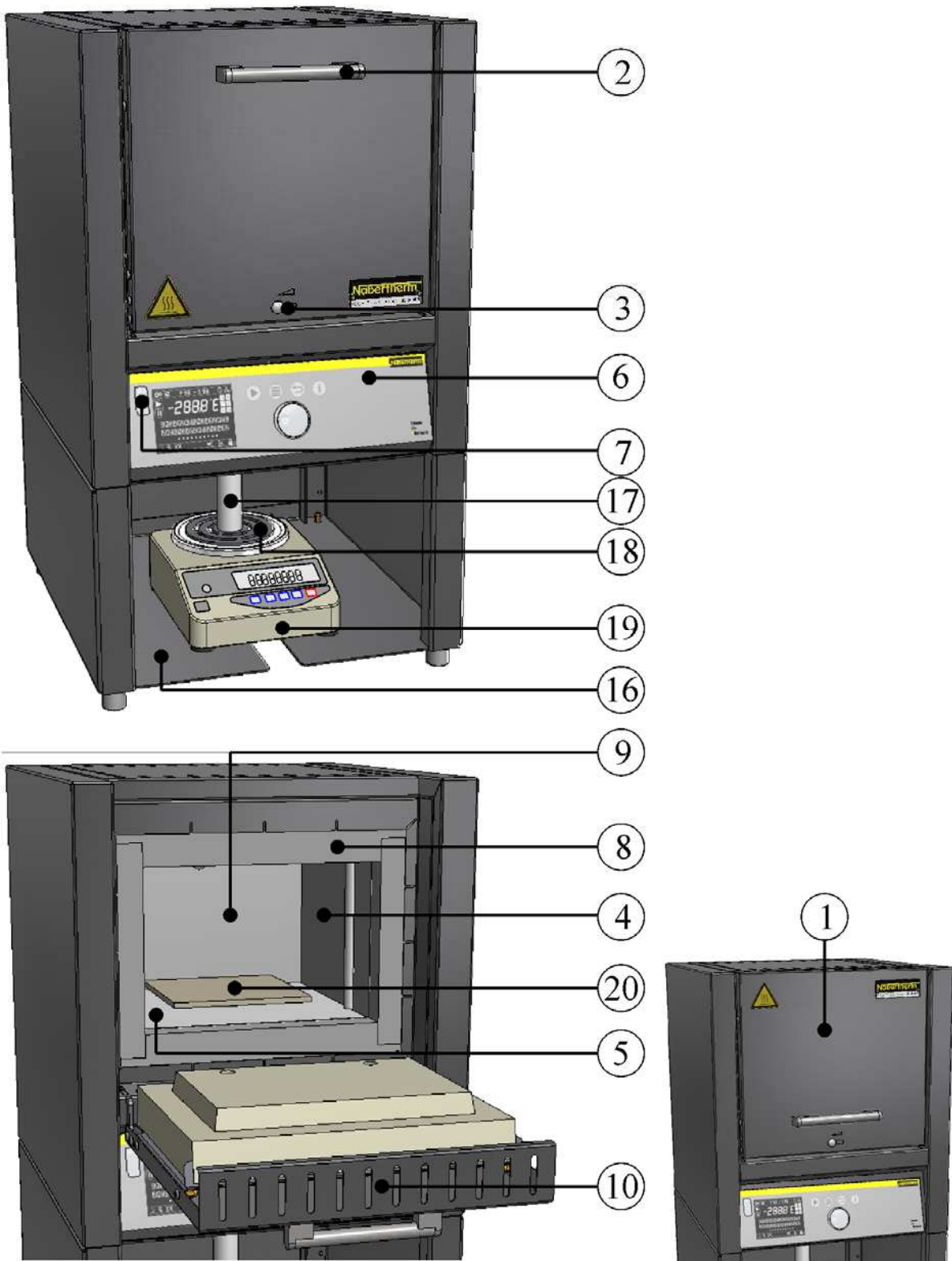


Fig. 5: Example: Overview of weighing furnace, including scale, model L .../SW (folding door) and LT .../SW (lift door; illustration similar)

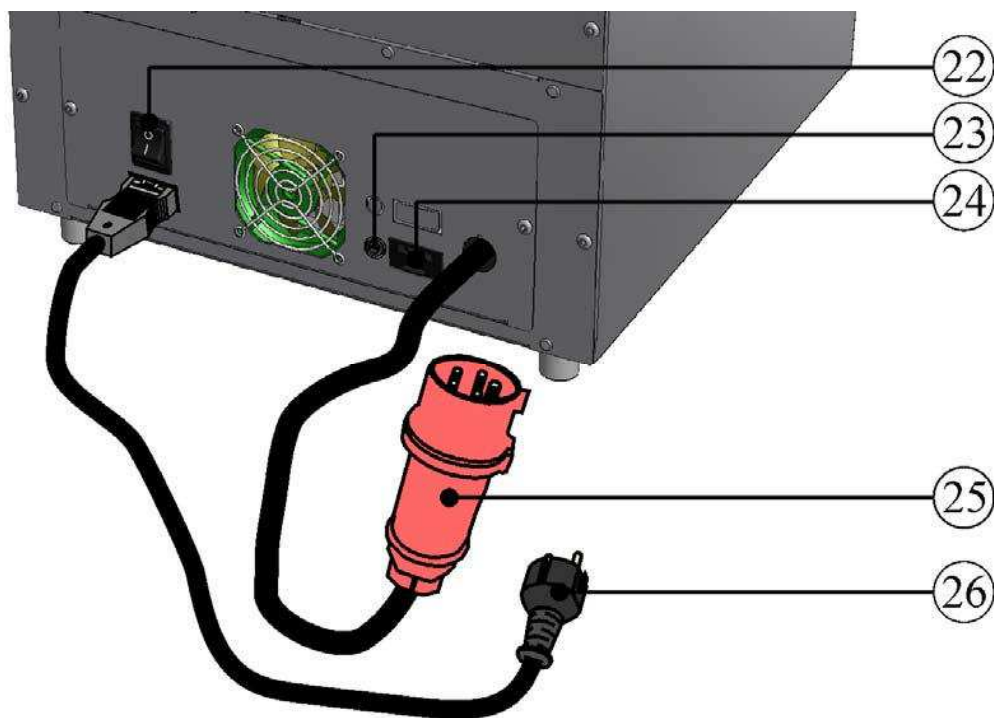


Fig. 6: Laboratory furnace (muffle furnace), rear view (illustration similar)

No.	Designation
1	Lift door
2	Handle
3	Air inlet slider for regulating the fresh air
4	Ceramic heating plates with integrated heating element, protected against splashing water and exhaust gas
5	Insulation of unclassified fiber material
6	Controller
7	USB interface
8	Shroud insulation
9	Furnace chamber
10	Folding door
11	Multi-layered insulation with robust refractory bricks in the furnace chamber
12	Heating elements on supporting tubes
13	Heating elements in quartz glass tubes
14	Thermocouple
15	Exhaust air plant
16	Base

No.	Designation
17	Ceramic stamp
18	Receptacle stamp
19	Scale EW-...
20	Supporting plate in the furnace chamber
21	Heating (ON / OFF)
22	Power switch with integrated fuse (for switching the furnace on / off)
22a	Power switch (for switching the furnace on / off)
23	Fuse for additional power connection (for accessories)
24	Additional power connection (for accessories)
25	Power plug CEE (16 A and above)
26	Power plug (up to 3600 watts) with snap-in coupling

**Additional Equipment**



Over-temperature limiter with adjustable cutout temperature for thermal protection class 2 in accordance with EN 60519-2 as temperature limiter to protect the furnace and load

Fig. 7: Example (similar to picture)



**Protective gas connection to purge with non-flammable protective or reaction gases.**

Gas supply system for non-flammable protective or reactive gas with shutoff valve and flow meter with regulator valve, piped and ready to connect (similar to picture)

Fig. 8: Example (similar to picture)