

EAS CARBSORBER – Instruction for use

Elementar order number	100007541
Product name	EAS CARBSORBER
Description	Ready for use CO ₂ -absorber for elemental analysis, granular, free-flowing, 30 g
Instruction	Store in a dry place

The EAS CARBSORBER is a ready for use CO₂-absorber for the application in elemental analysis. The material can directly be used as delivered and serves as a substitute for sodium hydroxide on carrier or a mixture of sodium hydroxide on carrier mixed with quartz chips.

The EAS CARBSORBER is placed at the same position with the same filling level as the previous CO₂-absorber (NaOH) in the absorption tube (see manual or short manual). An example for the filling of the absorption tube of a rapid MAX N exceed and a vario EL cube (O-Mode) is shown in Figure 1 respectively. The bottles come with just the right amount for one filling of the rapid MAX N exceed absorption tube.



Figure 1: Schematic figure of the absorption tube filling of a rapid MAX N exceed (left) and a vario EL cube (O-mode) (right).

The EAS CARBSORBER reduces the risk of material solidification within the tube and enables an easier and safer handling during the maintenance. The maintenance interval can conveniently be monitored by the software (see Figure 2).

Table 1 shows the recommended maintenance intervals sorted by instrument:

Table 1: Recommended maintenance intervals sorted by Elementar instruments:

Instrument	Maintenance interval
rapid MAX N exceed	500 runs
rapid OXY cube®	500 runs
vario PYRO cube® (OH-Mode)	500 runs
inductar® ONH cube	250 runs
inductar® EL cube	250 runs
O-Mode: UNICUBE®, vario EL cube, vario PYRO cube®, vario ISOTOPE cube, vario ISOTOPE select	500 runs
N-Mode: UNICUBE®, UNICUBE® trace, vario EL cube, vario MAX cube, vario ISOTOPE cube, vario ISOTOPE select	250 runs

For older instruments you can set the same maintenance intervals that you are currently used to. The intervals can be set within the software for an automatic monitoring.

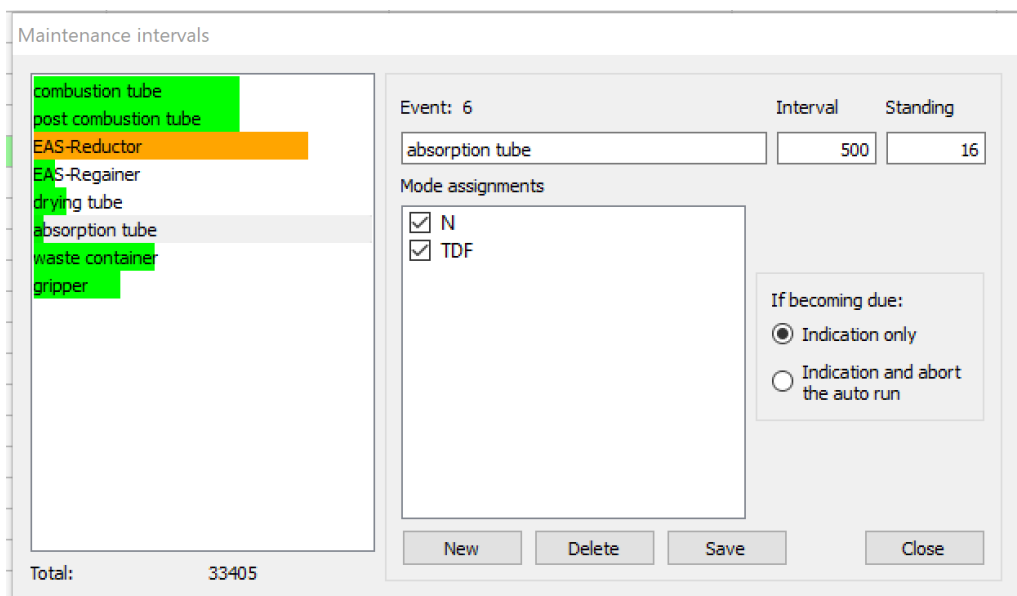


Figure 2: Example for monitoring the maintenance interval for a rapid MAX N exceed.

Shelf-life: The EAS CARBSORBER comes with a shelf-life indicator. After the material in the bottle turned purple during storage, further application in the instrument is not recommended. Discoloring in the instrument during operation does not indicate remaining service life. Please store the EAS CARBSORBER in a dry place and close the container airtight after opening.

Please consult the safety data sheet for further safety related information. The document is available in our customer portal.