

## ANNEX C - TECHNICAL DATA

### Technical Data TIMON

The TIMON contains a measuring tube connected to the pneumatic module that contains a radioactive radiation source of the isotope Nickel-63 with an activity of 100 MBq (2.7 mCi).

The symbol for Nickel-63 is Ni-63 or  $^{63}\text{Ni}$ .

Ni-63 is a low energy  $\beta$ -emitter with maximum  $\beta$ -energy of 0.067 MeV. Its half-life amounts 100.1 years. Ni-63 does not emit  $\gamma$ -radiation. In the TIMON the radioactive source has a protected-type covering.

If the TIMON and accessories are handled properly there is no danger to the operator due to the radioactive radiation source.

**Table C-1 Technical Data TIMON (PN 276300)**

Dimensions:	500 mm x 150 mm x 600 mm (length x width x height)
with installation and service space:	600 mm x 630 mm x 700 mm (length x width x height)
Weight:	approx. 21.5 kg
Power Supply:	Input Voltage: 100 - 240 VAC Input Frequency: 50-60 Hz Power consumption: 150 W
Interface:	Ethernet 10/100 Base-T transceiver (IEEE 802.3 Standard) Floating Contacts
Operating Temperature:	-10 °C to +50°C (+14 °F to 122 °F)
Storage Temperature:	-20 °C to +60 °C (-4 °F to 140 °F)
Operating Humidity:	(5-93)% r.h.
Safety Class	IP 42