



Intermediate hazardous waste storage tank

Reliable

Reliable measurement, even with vapours and agitators in motion

Cost effective

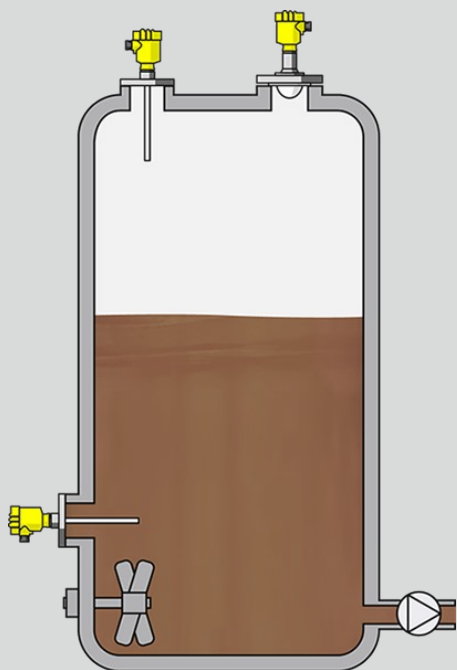
Uninterrupted waste processing

User friendly

Non-contact measurement for all hazardous wastes

Level measurement and point level detection in an intermediate storage tank

Both chemical and thermal processes are used to treat hazardous waste. For efficient processing, the flow rate through the processing facility must be kept constant. To facilitate this, hazardous wastes such as varnishes, paints and thinners are buffered in tanks. Agitators prevent clumping and settling of the solids contained in the mixture. Reliable level measurement ensures continuous waste processing is maintained.



VEGACAP 64

Capacitive limit level detection in the intermediate storage tank

- Overfill protection for the tank, dry run protection for pump and agitator
- Adjustment-free and unaffected by buildup
- Robust and maintenance-free thanks to proven measurement technology



VEGAPULS 64

Level measurement with radar in the intermediate storage tank

- Reliable measurement, even under difficult process conditions
- Precise measuring results, small blocking distance
- Unaffected by product surface turbulence caused by agitators
- Chemically resistant PTFE-encapsulated antenna System



VEGACAP 64	VEGAPULS 64
Process temperature -50 ... 200 °C	Measuring range - Distance 30 m
Process pressure -1 ... 64 bar	Process temperature -196 ... 200 °C
Version PTFE insulation	Process pressure -1 ... 25 bar
Materials, wetted parts PTFE 316L Alloy C22 (2.4602) Alloy 400 (2.4360) Steel C22.8	Accuracy ± 1 mm
Threaded connection ≥ G¾, ≥ ¾ NPT	Frequency 80 GHz
Flange connection ≥ DN25, ≥ 1"	Beam angle ≥ 3°
Seal material no media contact	Version with plastic horn antenna ø 80 mm Thread with integrated horn antenna Flange with encapsulated antenna system Hygienic fitting with encapsulated antenna system
Housing material Plastic Aluminium Stainless steel (precision casting) Stainless steel (electropolished)	Materials, wetted parts PFA PTFE 316L Alloy C22 (2.4602) PEEK
Protection rating IP66/IP68 (0,2 bar) IP66/IP67 IP66/IP68 (1 bar)	Threaded connection ≥ G¾, ≥ ¾ NPT
Output Relay (DPDT) Contactless electronic switch Transistor (NPN/PNP) Two-wire	Flange connection ≥ DN50, ≥ 2"