

TPR 2.0

OXIDISING LIQUIDS TEST APPARATUS

- OXIDISING LIQUIDS TEST
- TIME / PRESSURE TEST

Model: TPR 2.0

ver. 2.0, rev. 2020

STANDARD REFERENCES:

- o United Nations. Recommendations on the transport of dangerous goods. Manual of tests and criteria.
 - time/pressure tests: test C.1 (GB), test 1 (c) (i), test 2 (c) (i)
 - test for oxidizing liquids (UN): test O.2
- o EU Council Regulation no: 440/2008 (REACH)
 - test A.21 oxidising properties (liquids)

SPECIFICATION:

Available configurations	test for oxidizing liquids time/pressure test
Pressure vessel	stainless steel vessel ø60, L=89mm side arm assembly ignition assembly
Support stand	stainless steel
Materials	stainless steel high pressure components applied
Bursting disk pressure	approximately 2200 kPa
DAQ and control block	p(t) data logging and display ignition control remote start & stop USB connection laptop or desktop PC (optional)
Ignition	Ni-Cr 0,6mm glowing wire electric fusehead safety interlocks
Software	ANKO ExplosionPlotter® program deflagration pressure analysis pressure rise time analysis USB connection optional pre-installation available
Pressure sensor	fast dynamic pressure transducer range 3450 kPa , 500 psi rise time $\leq 1.0 \mu$ sec calibration certificate
Accessories:	spare washers - 100 pcs. bursting disks - 100 pcs. Ni-Cr wire - 100 m spare electrode gaskets – 20 pcs.
Manuals:	Installation Guide User Manual
Power supply:	110 or 230 VAC



Fuse heads and primed cambric are not supplied with the equipment.

The information given in this document represents the state of engineering at the time of publishing. We reserve the right to make modifications to above specifications.