



TECHNICAL QUESTIONNAIRE 1.102/1

Resonant Test Systems

Please, fill in or stick your name card

Name	Quotation No.:
Company/Institution:	
Telephone:	(will be filled in by HIGHVOLT)
Fax:	e-mail:
Date:	

In order to offer and deliver a HV test system, optimized for your purposes and conditions, we ask for your cooperation to fill-in this form. Thank you!

Performance of the resonant test system

- series resonant system - parallel resonant system

Test objects

- HV cables - gas-insulated switchgears (GIS)
 - other test objects:

Kind of the test

- routine tests - type tests
 - other tests:

Required data for the resonant test system

Max. output voltage: kV (single phase against earth)

Min. output voltage: kV for which the requirements of IEC 60-1 concerning the voltage shape, the voltage raise speed and the adjustment accuracy must be fulfilled.

Load cases

load case	output voltage kV	capacitance of test object		operation mode			
		min. nF	max. nF	continuous operation	short-time operation		
					ON min	OFF min	load cycles per day
1.							
2.							
3.							
<i>example</i>	<i>350</i>	<i>30</i>	<i>600</i>		<i>30</i>	<i>30</i>	<i>4</i>

(Extend this table if necessary!)

If you want a reactor with voltage taps (max. 3) for an optimal adaptation of test power to test voltage, we would advise you readily.

Do you want tapping switch-over

- manually - motor-driven

Please turn over!

Control

basic control

computer-aided measuring control and evaluation system

Requirements concerning the PD behavior of the resonant test system

yes no

- PD-level < pC up to kV
 - PD-level < pC up to kV

Supply conditions for the feeding of the resonant test system

	low-voltage mains	medium-voltage mains
mains voltage / V / kV
frequency Hz	
available power: single-phase kVA kVA
three-phases kVA kVA

Additional equipment

HV measuring system yes no
 PD measuring system yes no
 Screened test room (Faraday-cage) yes no
 HV filter yes no
 LV filter yes no
 tan δ measuring equipment yes no
 Oil cup end termination system yes no
 Water end termination system yes no

Other equipment:

Erection of the resonant test system at site

Supervision desired yes no

Space for remarks:

For further information please contact:

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