



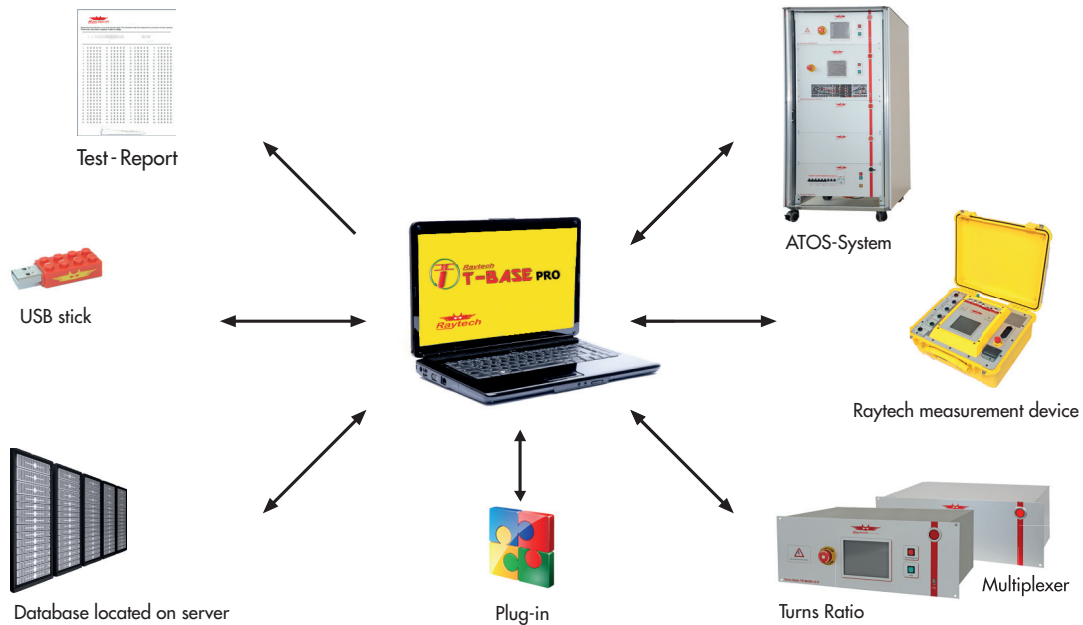
Raytech

T-BASE PRO

Remote



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T-Base for remote control, data exchange and analysis



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Raytech T-Base Professional - Version: 1.43.1561

nt 32.440

Close Enable edit Export to USB-key Export Connection Sequence

Settings TR-MARK III, 304-121 WR14, 301133

23.10.2013 15:52 | -- | -- | [Create New] [Edit]

A: ---

I[mA]: --- P[°]: ---
Dev. [%]: ---

B: ---

I[mA]: --- P[°]: ---
Dev. [%]: ---

C: ---

I[mA]: --- P[°]: ---
Dev. [%]: ---

Measurement Settings

Ut= 10V
WS: 2: Dyn-5 **10V**

+1 (17kV) 0 (0.412kV)

Go ABC Go Tap P
Go A Go B Go C
Continuous
STOP

Setup: [A 1U-1V2N-2U] [B 1V-1W2N-2V] [C 1W-1U2N-2W]

Measurements Actual Turn Ratio % ITest Angle

Tap Prim	Tap Sec	Phase	URated [kV]		Rated	Turn Ratio	Actual	Dev [%]	ITest [mA]	Angle [°]	Pass
			U Prim	U Sec							
+1	0	A	17	0.412	71.470						
+1	0	B	17	0.412	71.470						
+1	0	C	17	0.412	71.470						
+2	0	A	16.5	0.412	69.365						
+2	0	B	16.5	0.412	69.365						
+2	0	C	16.5	0.412	69.365						
+3	0	A	16	0.412	67.265						
+3	0	B	16	0.412	67.265						
+3	0	C	16	0.412	67.265						

Status

Off

Safe

>Connecting...
Connection OK

USB Devices: 3 | Ready



Perform any test from your desk, remote controlling the Raytech system, using the Transformer profiles created before



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23.10.2013 15:53 | -- | | [Create New] [Edit]

CH:1 1V-1U [+]

WS 1 D Mux A

Caption a:1V-1U

+1 (17000)

166.2 uΩ poor

CH:2 2V-2U [+]

WS 2 yn

Caption a:2V-2U

0 (412)

0.0 uΩ poor

CH:3 1V-1U [+]

WS 1 D

Caption a:1V-1U

+1 (17000)

0.0 uΩ poor

Mode S Temp. Corr. OFF Tap Changer

Single Stop Condition

Continous 0.10 % 10 s

Interval 2 s x 10

T1	T2	T3
24.6	24.3	---

Start 5 A

Store Demag 1 A

Stop

Results

Time	Mode	I Range	Σ	ID
10.23.2013 15:53	S	5		1

Results

Result Filter


WS Tap Phase

Id	Time	WS	Phase	Tap	Caption	Rmeas	Rcorr
----	------	----	-------	-----	---------	-------	-------

Status

Measuring It=4.999 A

CAUTION!



```

>Connecting...
>Connection OK
>Check configuration...
>Set configuration...
>Set configuration OK
>Measurement start
    
```



Perform tests, controlling different Winding Resistance Meters same time in parallel



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nt 32.440 Diagnostic Log Viewer (Alpha)

Hide TR measurements Hide WR measurements

From Select a date To Select a date

Measurement filter parameter

DB Explorer

- nt 32.440
 - Turn Ratio
 - 23.11.2012
 - 23.10.2013
 - 23.10.2013
 - Winding Resistance
 - 23.10.2013
 - abb
 - Turn Ratio
 - 26.11.2012
 - 26.11.2012
 - Winding Resistance
 - unit tr
 - Turn Ratio
 - 01.01.2000
 - Winding Resistance
 - Rexie
 - Turn Ratio
 - 18.10.2012
 - Winding Resistance
 - Templates

Settings

Common PDF Export Settings Database ATOS Devices Profile Module

Current selection: TunitTestT

Devices

Device	Serial	Connection
uttr	111222	USB
utwra	222333	USB
utwrb	222333	USB

Remove Edit New Close

Findings

WS	WindingSystem	Material	WRRange
	3P	(Kupfer) 234.5	
	3p	Unknown	

Vectors

Transformer profile

3P3p0

Name: Rexie
Type:
SN: 007
Location: Himmel

A.T.O.S. configuration editor, edit virtual device

Open device manager

Name: TunitTestT

Device Management				Display channel configuration			
Device	Type	S/N	Interface	ATOS ch.	Device	WR ch.	Mux
uttr	TR-MARK III	111222	USB	A	utwra	1	X
utwra	WRxx	222333	USB	B	utwra	2	X
utwrb	WRxx	222333	USB	C	utwrb	1	X
				D	utwrb	2	X

Add device

Temperature sensor configuration

Internal Ch.	Device	External Ch.

Cancel Save



Create your own ATOS (Automatic Transformer Observation System) out of different Raytech Instruments and remote control it as a single device



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Extend the powerful use of T-Base Pro Remote with:



T-Base Pro Sequence – the powerful tool for a completely automated test sequence. Do all the work while sitting at dinner!



Raytech



Switzerland

Raytech GmbH
Oberebenestrasse 11
CH-5620 Bremgarten

Phone +41 56 648 60 10
Fax +41 56 648 60 11

welcome@raytech.ch
www.raytech.ch

USA

Raytech USA
118 . 2nd Street
USA-Perkasie, PA 18944

Phone +1 267 404 26 76
+1 888-484-3779
Fax +1 267 404 2685

service@raytechusa.com
sales@raytechusa.com

www.raytechusa.com

