



Re: Fw: OESR 182733 
Matt Brule to: Mandy Stewart
Cc: Paul Deschenes, Chau Nguyen

08.01.2019 05:04

Hi Mandy,

We appreciate your help in looking at the issues on TE82546. Sorry about the delay responding to the OESR.

See below in blue for answers to each of your comments / questions from the OESR:

Request for schematics and any other information useful for the repair and replacements of part for this tester.

We cannot locate any official schematics for this tester, but I am pretty sure there is little more in it than a power supply, 2690 CPU PCB (obsolete), and interface wiring to the UUT / interlock, so, basically the same as in the 269x instrument and pretty easy to understand. If there is a specific issue, we can guide you through troubleshooting, but it sounds like there are just some general maintenance issues.

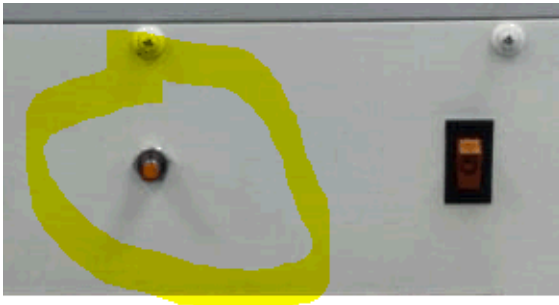
No ON/OFF light indication

The rocker switch should illuminate when tester power is on, if not, the switch should be replaced. Carling Technologies LTA201-TA-B/250N or equivalent.



If the UUT Power indicator (should light when UUT is installed, actuating the interlock, and power is turned on) is not working, Replace with Dialight panel mount indicator of the correct DC voltage (as labeled on the part) or equivalent.

<https://www.mouser.com/datasheet/2/109/507-xxxx-37xx-500-1224060.pdf>



No proper cover

There never was a cover or need for one, That open area is intended to allow access to connect the UUT and protect the operator from hazardous voltages, when the UUT is powered.

Broken connectors

Broken connectors should be replaced, all appear to be standard connectors, if you need part numbers please indicate which connectors and we can help to find part numbers.

Obsolete Front Panel PCBA 056370

This is a 2690 CPU PCBA and can be replaced with a current part number CPU in the event of failure. Though it will require procedure update, due to different messaging. No need to replace it if it is functioning.

Additionally the tester does appear to be missing labels for the front panel controls. The controls should be labeled as in the picture below, or similar.



The issues with this tester really appear to be from neglect and lack of maintenance over the years, it is 20 plus years old. As we correct the issues listed, we could work with you to help develop a PM protocol for this tester, to avoid this happening in the future.

We do have a backup for this tester here in Milford, should the need arise, though due to it's simplicity and use of Waters' 269x parts, it should be relatively easy to keep the tester going in the event of failure.

Thanks!

Matt

Matthew Brule
Sr. Test Engineer

[T] 508-482-3495
[F] +1 508 482 3373
[W] www.waters.com
[E] matt_brule@waters.com

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Waters Corporation
34 Maple Street
Milford
MA 01757
USA

Paul Deschenes

----- Forwarded by Paul Deschenes/Waters on...

01/07/2019 12:13:28 PM

From: Paul Deschenes/Waters
To: Matt Brule/Waters@WATTS Waters Sales
Date: 01/07/2019 12:13 PM
Subject: Fw: OESR 182733



Waters Corporation
34 Maple Street
Milford
MA 01757
USA

Paul Deschenes

Engineering Technical Specialist

[T] 1-508-482-3899
[W] www.waters.com
[E] paul_deschenes@waters.com



----- Forwarded by Paul Deschenes/Waters on 01/07/2019 12:12 PM -----

From: Mandy Stewart/Waters
To: Paul Deschenes/Waters@WATTS Waters Sales
Date: 01/04/2019 02:32 AM
Subject: Re: OESR 182733

Hi Paul,

Here is a couple of images of the tester.

[attachment "IMG-20190104-WA0005.jpg" deleted by Matt Brule/Waters] [attachment "IMG-20190104-WA0006.jpg" deleted by Matt Brule/Waters]

Regards

Mandy

Mandy Stewart

Senior Product Assurance Engineer

[T] +65 6593 7042
[F] +65 6873 0820
[W] www.waters.com
[E] Mandy_stewart@waters.com



Waters Pacific Pte Ltd
1 Science Park Road
#02-08 The Capricorn
Singapore Science Park II
Singapore 117528

Paul Deschenes	Hello Mandy, I would like to get a bit more info for t...	03.01.2019 21:51:32
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From: Paul Deschenes/Waters
To: Mandy Stewart/Waters@WATTS WATERS SALES
Date: 03.01.2019 21:51
Subject: OESR 182733

Hello Mandy,

I would like to get a bit more info for this oesr I can look for some schematics but unsure about the other requested items can you send some pictures of the tester so I can better understand the request?

Thanks

Paul



Waters Corporation
34 Maple Street
Milford
MA 01757
USA

Paul Deschenes

Engineering Technical Specialist

[T] 1-508-482-3899
[W] www.waters.com
[E] paul_deschenes@waters.com

