

URGENT - Medical Device Correction
Philips PageWriter TC Cardiographs (TC20/30/50/70)
User Maintenance of Lithium Ion Batteries

Dear Customer,

A problem has been detected with the Philips PageWriter TC Cardiographs (TC20/30/50/70), that, if it were to re-occur, could pose a risk for patients or users. This Field Safety Notice is intended to inform you about:

- what the problem is and under what circumstances it can occur
- the actions that should be taken by the customer / user in order to prevent risks for patients or users
- the actions planned by Philips to correct the problem.

This document contains important information for the continued safe and proper use of your equipment

Please review the following information with all members of your staff who need to be aware of the contents of this communication. It is important to understand the implications of this communication.

Please retain a copy with the equipment Instruction for Use.

Philips has received a report in which the lithium ion battery in a PageWriter TC Cardiograph overheated and ignited. The battery had exceeded its life expectancy and should have been replaced. Battery replacement should have occurred when the number of charge-discharge cycles first exceeded 300 cycles or when the battery capacity fell below 80% of that of a new battery. Although the cardiograph can display the battery's status, the existing labeling for these cardiographs does not include full instructions on when to replace the batteries or the potential hazards if a user fails to do so. Therefore, Philips is issuing a PageWriter TC Cardiograph (TC20/30/50/70) Service Manual addendum with information to assist users with managing the battery and its replacement. The Service Manual Addendum is included with this letter.


Please refer to the following pages, which provide information on how to identify affected devices and instructions for actions to be taken. Follow the "Action to be taken by Customer/User" section of the notice. This notice has been reported to the appropriate Regulatory Agency.

Philips sincerely regrets the inconvenience that this may cause you. Your satisfaction with Philips' products and with our response to this issue is very important to us. Please contact Philips [representative contact details to be completed by the KM / country](#) with questions or concerns about this correction.

Sincerely,

Vivian Dai
Post Market Surveillance Manager

| <p>AFFECTED PRODUCTS</p> | <p>The affected products are all PageWriter TC Cardiographs (TC20/30/50/70) manufactured before November 20, 2018 that are capable of operating under battery power and have lithium-ion batteries presently installed.</p> <p>Specifically, the following PageWriter TC Cardiographs with software revisions up to and including A.07.05.22.</p> <table border="1" data-bbox="524 417 1336 806"> <thead> <tr> <th>Product</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>860315</td> <td>PageWriter TC70</td> </tr> <tr> <td>860310</td> <td>PageWriter TC50</td> </tr> <tr> <td>860306</td> <td>PageWriter TC30</td> </tr> <tr> <td>860332</td> <td>PageWriter TC20</td> </tr> <tr> <td>860352</td> <td>PageWriter TC70 w/trolley Government Bundle</td> </tr> <tr> <td>860353</td> <td>PageWriter TC70 w/o trolley Government Bundle</td> </tr> <tr> <td>860354</td> <td>PageWriter TC30 w/trolley Government Bundle</td> </tr> <tr> <td>860355</td> <td>PageWriter TC30 w/o trolley Government Bundle</td> </tr> <tr> <td>860429</td> <td>PageWriter TC50 Government Bundle</td> </tr> </tbody> </table> <p>NOTE: The PageWriter TC10 (860392) is not affected by this Field Safety Notice.</p> | Product | Description | 860315 | PageWriter TC70 | 860310 | PageWriter TC50 | 860306 | PageWriter TC30 | 860332 | PageWriter TC20 | 860352 | PageWriter TC70 w/trolley Government Bundle | 860353 | PageWriter TC70 w/o trolley Government Bundle | 860354 | PageWriter TC30 w/trolley Government Bundle | 860355 | PageWriter TC30 w/o trolley Government Bundle | 860429 | PageWriter TC50 Government Bundle |
|-----------------------------------|--|---------|-------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|-----------------|--------|---|--------|---|--------|---|--------|---|--------|-----------------------------------|
| Product | Description | | | | | | | | | | | | | | | | | | | | |
| 860315 | PageWriter TC70 | | | | | | | | | | | | | | | | | | | | |
| 860310 | PageWriter TC50 | | | | | | | | | | | | | | | | | | | | |
| 860306 | PageWriter TC30 | | | | | | | | | | | | | | | | | | | | |
| 860332 | PageWriter TC20 | | | | | | | | | | | | | | | | | | | | |
| 860352 | PageWriter TC70 w/trolley Government Bundle | | | | | | | | | | | | | | | | | | | | |
| 860353 | PageWriter TC70 w/o trolley Government Bundle | | | | | | | | | | | | | | | | | | | | |
| 860354 | PageWriter TC30 w/trolley Government Bundle | | | | | | | | | | | | | | | | | | | | |
| 860355 | PageWriter TC30 w/o trolley Government Bundle | | | | | | | | | | | | | | | | | | | | |
| 860429 | PageWriter TC50 Government Bundle | | | | | | | | | | | | | | | | | | | | |
| <p>PROBLEM DESCRIPTION</p> | <p>Philips has received a report in which the lithium ion battery in a Philips PageWriter TC cardiograph overheated and ignited. In this case, the battery had exceeded its life expectancy and should have been replaced when the number of charge-discharge cycles first exceeded 300 cycles or when the remaining battery capacity fell below 80% of that of a new battery.</p> <p>Although the Philips PageWriter TC Cardiographs can display actual information on the battery State of Health (SOH) and charge-discharge cycles, the existing labeling does not include full instructions on how to use this information to determine when to replace the battery.</p> | | | | | | | | | | | | | | | | | | | | |
| <p>HAZARD INVOLVED</p> | <p>Overheating of the battery may cause the device exterior case to become excessively hot, causing the case to melt and/or the device to ignite, which can cause injury to a patient, nearby users, or cause damage to property.</p> | | | | | | | | | | | | | | | | | | | | |

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| <p>HOW TO IDENTIFY AFFECTED PRODUCTS</p> | <p>You can determine whether your device is affected by identifying the software revision. This can be performed by;</p> <ul style="list-style-type: none"> a) Locate and verify the Product Number of your PageWriter TC cardiograph found on the cover page of the <i>Instructions for Use</i> or on the back label of your cardiograph, and b) Locate and verify the software revision on the PageWriter TC cardiograph's <i>System Utility</i> screen. <p>To determine if your device is capable of battery operation, verify on the upper right hand corner of the cardiograph's display to see if the battery symbol is exhibited.</p>  |
| <p>ACTION TO BE TAKEN BY CUSTOMER / USER</p> | <p>Upon receipt of this notification, carefully read the enclosed PageWriter TC <i>Service Manual Addendum</i>.</p> <p>Promptly determine the number of cycles and the State of Health (SOH) on each of your affected Philips PageWriter TC cardiographs (TC20/30/50/70), as specified in the attached <i>Service Manual Addendum</i>.</p> <p>If the number of cycles is greater than 300 and/or if the SOH is less than 80%, this indicates that your battery has reached the end of its life and requires replacement. An approved replacement battery can be ordered using the standard Philips replacement processes. Details on how to replace the battery can be found in the PageWriter TC Cardiograph <i>Service Manual Addendum</i>.</p> <p>Once it is determined the battery is not in need of replacement, or once the battery is replaced, the PageWriter TC Cardiograph is safe to continuing using.</p> <p>In addition, review this information with all staff members who are responsible for device management of the Philips PageWriter TC cardiographs.</p> <p>Please store the below <i>Service Manual Addendum</i> with your Philips PageWriter TC cardiograph Service Manual documentation.</p> <p>Complete and return the response card provided.</p> |
| <p>ACTIONS PLANNED BY PHILIPS</p> | <p>Philips plans to release a customer installable, software update for PageWriter TC cardiograph (TC20/30/50/70) that will provide alerts to assist users in managing the battery replacement cycle. You will be notified when the customer installable software update is available.</p> |
| <p>FURTHER INFORMATION AND SUPPORT</p> | <p>If you need any further information or support concerning this issue, please contact your local Philips representative: <Philips representative contact details to be completed by the KM / country></p> |

**URGENT - Medical Device Correction
PageWriter TC Cardiographs (TC20/30/50/70)**

**Customer Reply for FSN86000263A
PageWriter TC Cardiographs (TC20/30/50/70)
Service Manual Addendum**

Please complete and fax to <Philips representative contact details to be completed by the KM/country>.

| | |
|------------------------------------|--|
| Contact Name | |
| Telephone Number | |
| Email Address | |
| Facility Name | |
| Street Address City, State, Zip | |

Please fax or email this completed form to the number or email address provided above.

CUSTOMER ACKNOWLEDGEMENT:

That the PageWriter TC Cardiographs (TC20/30/50/70) Service Manual Addendum has been attached to the first page of the *Maintaining the Battery* section to ensure that it is not misplaced and is stored with the Service Manual for reference.

Confirm all PageWriter TC Cardiographs (TC20/30/50/70) batteries with cycle count greater than 300 cycles and/or the State of Health (SOH) is $\leq 80\%$ have been replaced with approved replacement batteries as called out in the Service Manual Addendum.

CUSTOMER NAME (please print)

TITLE

CUSTOMER SIGNATURE

DATE

Please email the completed reply form to <Philips representative contact details to be completed by the KM/country>. If you experience difficulty carrying out the instructions contained in this communication, contact your local Philips representative.