



TC 18/SC 2/p 4:	New Recommendation: <i>Contact medical thermometers</i>		
PG comments on 2WD:	TC18_SC2_P4_N003 – part 1 TC18_SC2_P4_N004 – part 2		
Circulation date:	24 August 2023	Convener: Brazil – Rafael F Farias	Closing date for voting and/or comments: 24 November 2023 at 17:00 CET
Date comments submitted:		Please type your comments into this form and upload it (in Word format) as soon as possible and <u>no later than the closing date</u> using the Workspace for this project (My access → PG Workspaces → TC 18/SC 2/p 4).	
PLEASE INSERT THE COUNTRY CODE AND THE PART AND CLAUSE NUMBER IN EACH ROW. PLEASE DO NOT MODIFY THE NUMBER OF COLUMNS IN THE TABLE.			

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<sup>1</sup> Country Code = ISO 3166 two-letter country code, e.g. CN for China

<sup>2</sup> Type of comment: ge = general te = technical ed = editorial

Country Code <sup>1</sup>	Part	Clause/ Subclause	Paragraph / Figure/ Table/	Type of comment <sup>2</sup>	COMMENTS	PROPOSED CHANGE	OBSERVATIONS OF THE CONVENER/PG on each comment submitted
KR	2	Throughout the document		ed	Throughout the document, the presentation of the SI unit to indicate a range of temperature does not comply with SI brochure. For example, $20 \pm 2$ °C in Table 1 should be $(20 \pm 2)$ °C or $20$ °C $\pm 2$ °C.	Revise so that the unit can be applied to the both central value and the range.	Accept
US	2	1.1	Te	06-Nov-2023	1. We require the stability of the bath to be to $\pm 0.03$ °C		Reject
ES	2	1.2	1	TE	It would be better to say both terminology: non automated mode/test mode	To modify this sentence: “Start the clinical thermometers (if applicable) in <i>non automated</i> /test mode, place them in the support and wait for the measurement”	Accept
JP1	2	1.1 Apparatus		te	The heating medium in the water bath is not limited to distilled water. It is considered sufficient if the temperature stability and temperature distribution specified for the water bath to be tested are met.	Propose that the scope of heating medium be expanded including: - distilled water or water, - distilled water.	Accept
US	2	Table 1	Ed	07-Nov-2023	The table of test conditions is confusing. The relative humidity conditions are presumably for the environmental test chamber and not the bath. This should be more clear.	Separate out which of the test conditions are for the bath and which are for the environmental chamber. Indicate only those temperature test points for each in a way that is more clearly designated.	Accept
US	2	Table 1		22-Nov-2023	The requirement for “another two temperatures within the minimum measurement range” allows a grouping that may be too close together, for instance they could all be on the low end of the required temperature range.	Test points should be more evenly distributed. One should be between 32 and 37C, and the other between 37 and 42C. Even a minimum interval between test points, for example 1C, could be specified in those ranges.	Accept
US	2	Table 1	Te	07-Nov-2023	If the ambient temperature range is 15°C -40°C with RH of 15%-85% (Section 5.2 of metrological requirements), the test conditions should reflect this.	Consider changing the test points to reflect the extremes under MPE. This would fall closer in line with ASTM E1112, where test conditions for operating environment are: 40°C, 15%RH 40°C, 80% RH 16°C, 40% RH 16°C, 95% RH	Accept
US	2	3	Te/Ed	22-Nov-2023	Generally, how does the test for immersion time differ from the test for water resistance? Is one for the probe and the other for the entire device? Is this test for durability or effects of immersion on measurement time?	Please make this more explicit in the description.	Accept. The text will be rewritten
KR	2	3.2		te	Not sure what is the aim of this procedure. In this procedure, the thermometer goes through $t_1$ (for 10 min) $\rightarrow t_2$ (for 20 s) $\rightarrow t_1$ (for 10 min) $\rightarrow 37$ °C for the test in 1.2. Then, this procedure has nothing to do with the immersion time as the title of subclause suggests, because the test will be made at 37 °C with a sufficient stabilisation time, not after 20 s.	Make it clear what is the aim of this testing, or modify the procedure accordingly.	Accept. The text will be rewritten

[illegible]