
**Geotechnical investigation and
testing — Field testing —**

**Part 6:
Self-boring pressuremeter test**

*Reconnaissance et essais géotechniques — Essais en place —
Partie 6: Essai pressiométrique autoforé*





COPYRIGHT PROTECTED DOCUMENT

© ISO 2018

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Fax: +41 22 749 09 47
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols	2
5 Equipment	3
5.1 General.....	3
5.2 Self-boring pressuremeter probe	5
5.3 Self-boring head.....	6
5.4 Pressure and displacement CU.....	7
5.5 The connecting lines	8
5.6 The injected fluid	8
5.7 Means of measurement and control.....	8
5.7.1 Data acquisition.....	8
5.7.2 Display of readings.....	8
6 Test procedure	8
6.1 Selection of equipment and procedures	8
6.2 Calibration of the testing device and corrections of readings.....	8
6.3 Probe placing.....	9
6.4 Relaxation.....	9
6.5 Loading program.....	9
6.5.1 General.....	9
6.5.2 End of test.....	11
6.6 Backfilling of the borehole	11
7 Test results — Interpretation of tests	11
8 Self-boring pressuremeter test report	12
Annex A (normative) Calibration and corrections	14
Annex B (informative) Placing the pressuremeter probe in the ground	18
Annex C (normative) Accuracy	19
Annex D (informative) Strain conversions	20
Bibliography	21