

proceq

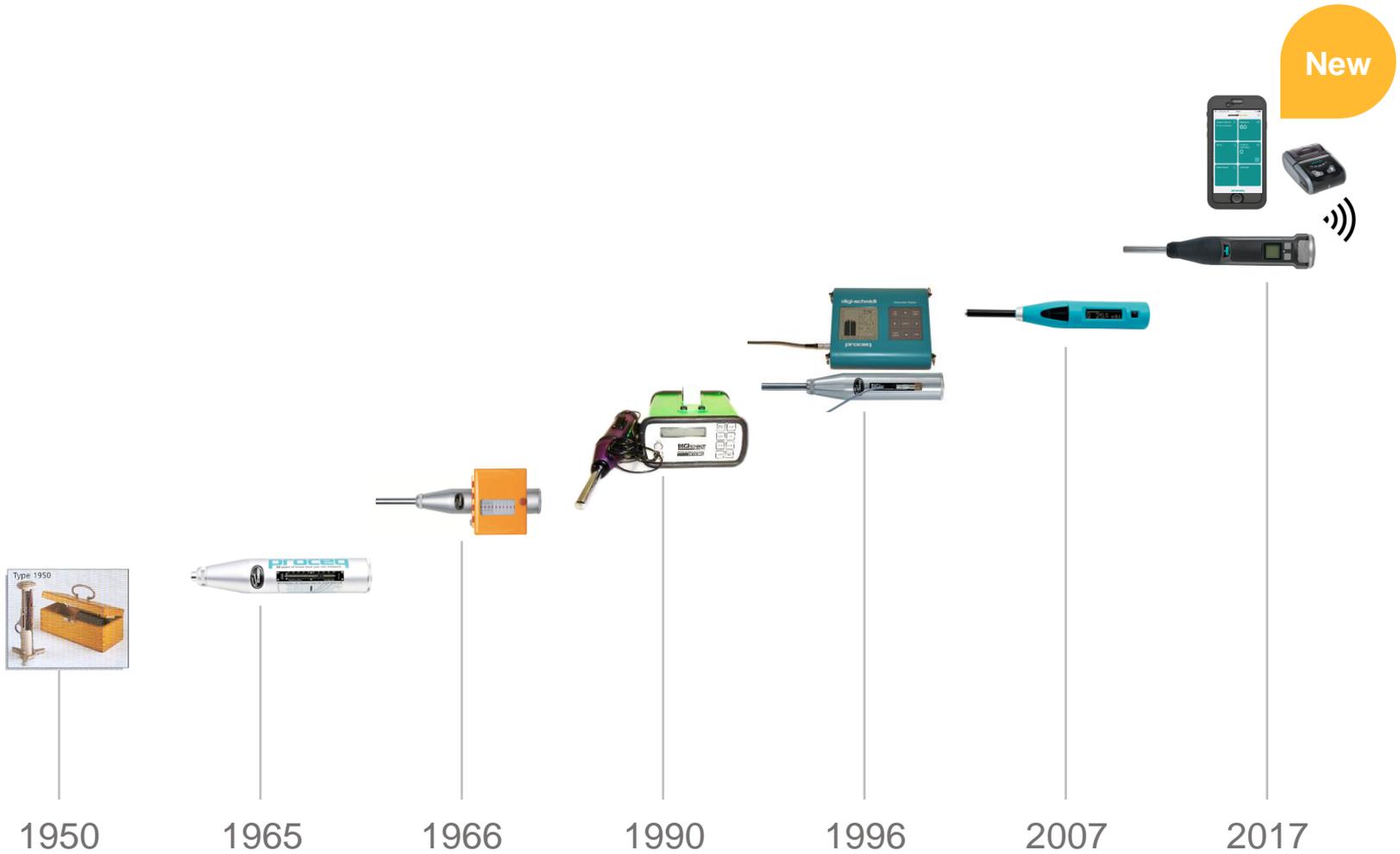
🇨🇭 Solutions since 1954



Schmidt®

강도 및 균일성 검사

리바운드 해머(Rebound Hammer)의 발전단계



강도 및 균일성



콘크리트



건설현장 확인



원형 보전성 평가



거푸집 제거



코어 대체

암석



실제 구조물 검사



코어 강도 검사

종이

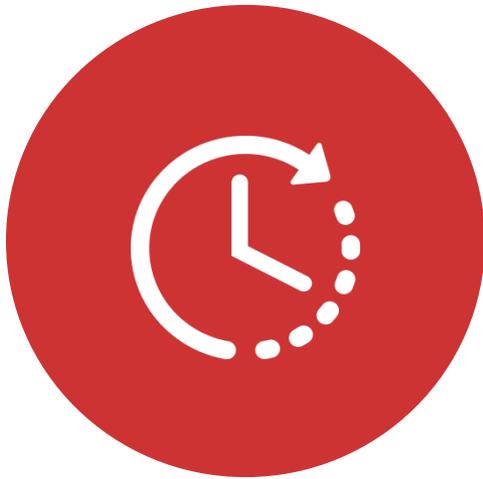


롤 형상 검사



와인더 정렬검사

측정		전환	결과
<p>일반 에너지 콘크리트 두께 > 10 cm 낮은 에너지 콘크리트 두께 < 10 cm</p>			<p>MPa Strength</p>
R	<p>기계 측정 </p>	기존의 방식	<p>10 70</p>
Q	<p>전자 측정 </p>	정확한 측정방식	<p>5 100</p>



시간소모가 크다



제한이 많다



신뢰성이 불명확하다

Schmidt® 포트폴리오



New

Schmidt OS-120



저 강도 / 모르타르

Original Schmidt



R

Original Schmidt Live



아날로그

SilverSchmidt



Q

디지털

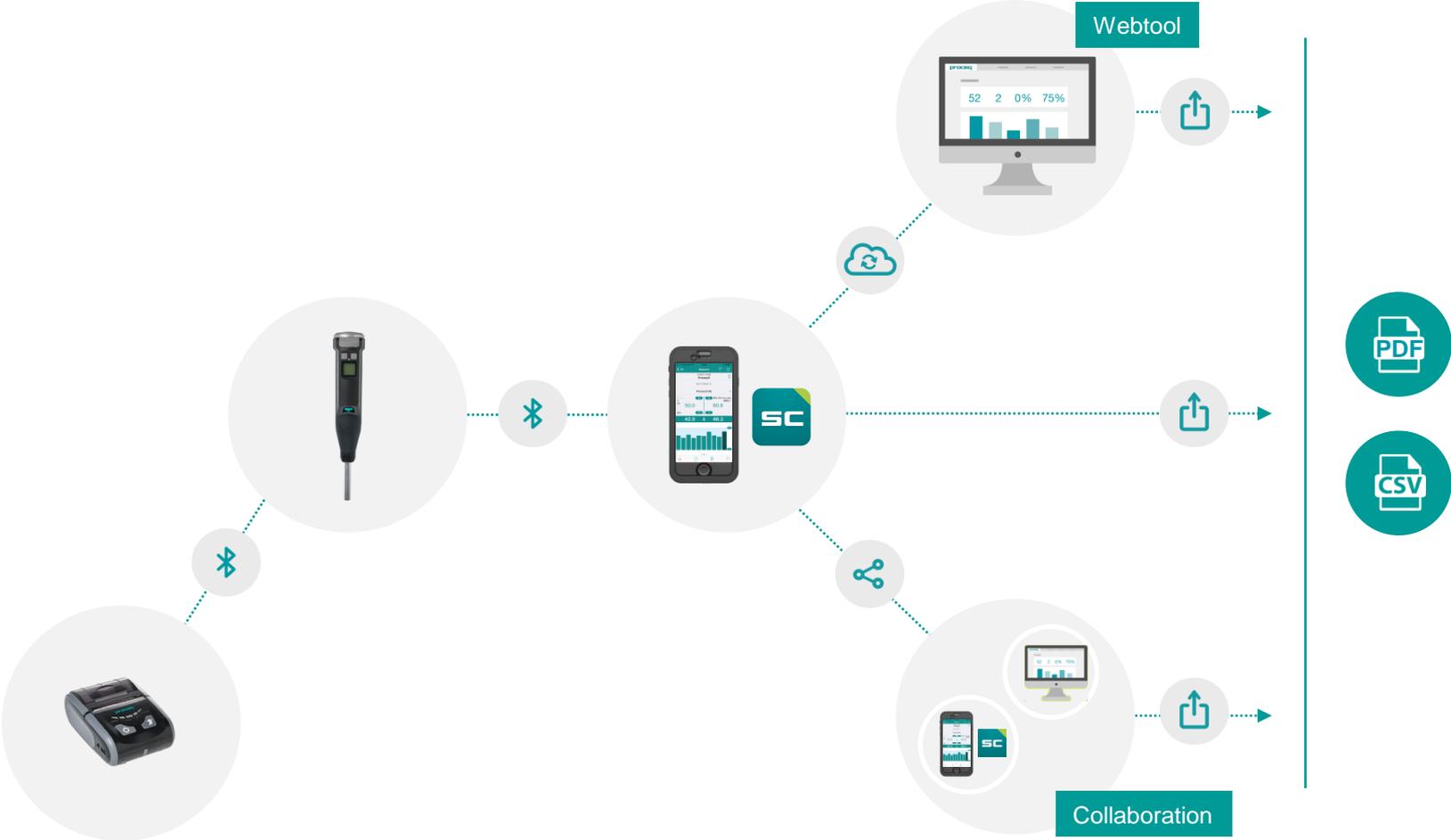
proceq

🇨🇭 Solutions since 1954

Original Schmidt® Live



Schmidt Live 솔루션



스포트라이트: 생산성 증가



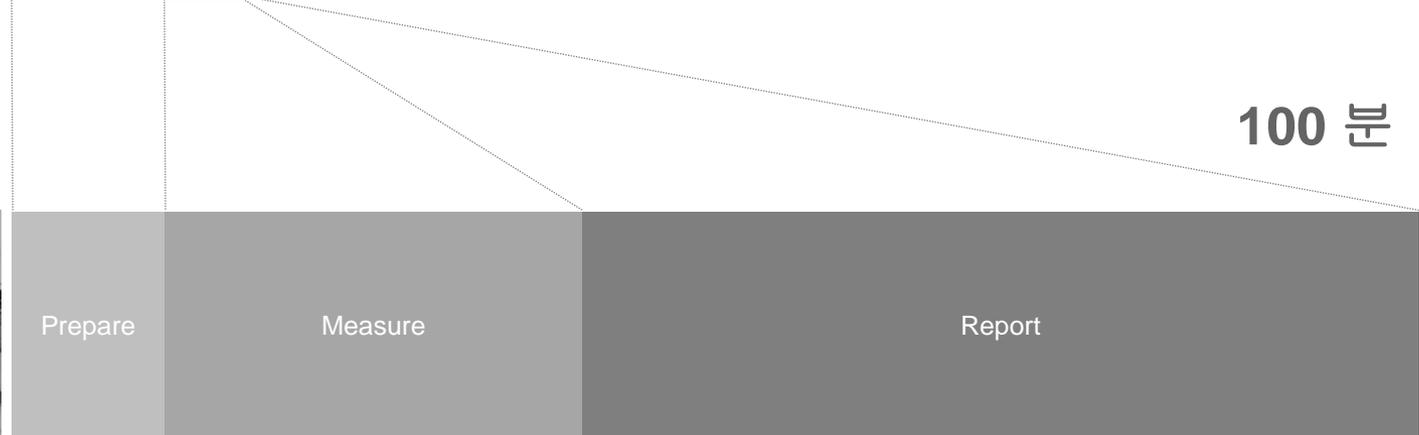
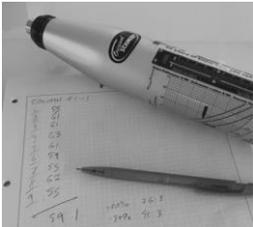
벽 81개 측정

16분

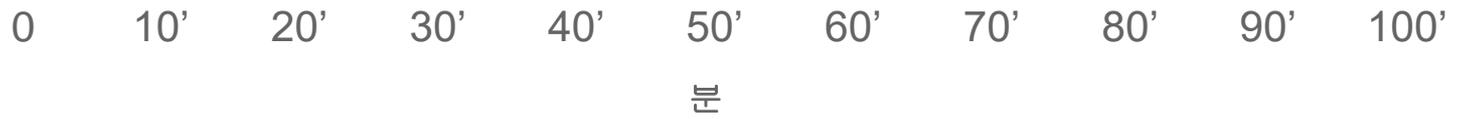
Original
Schmidt Live



기존방식



100분



특허 받은 디자인



직관적인 디지털 해머



스탠드-단독사용



아날로그 / 디지털

연결 가능

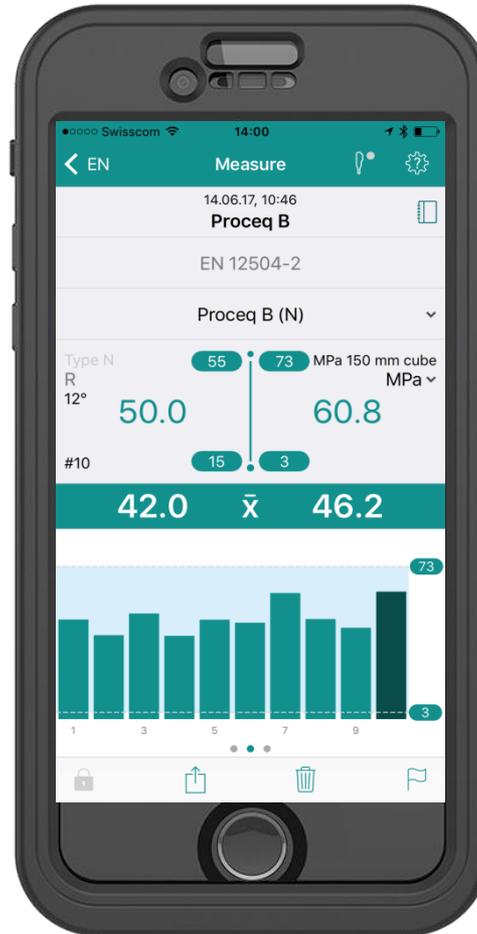
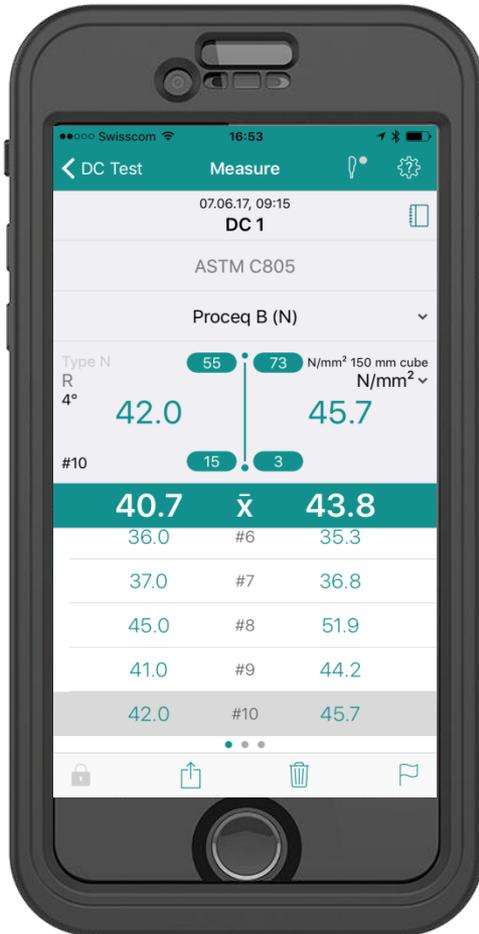


프리 앱

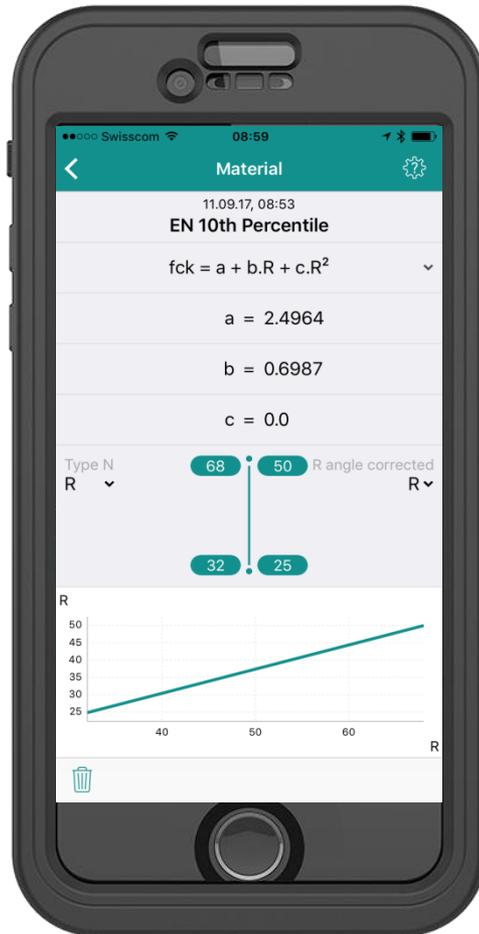


블루투스 프린터

직관적인 앱

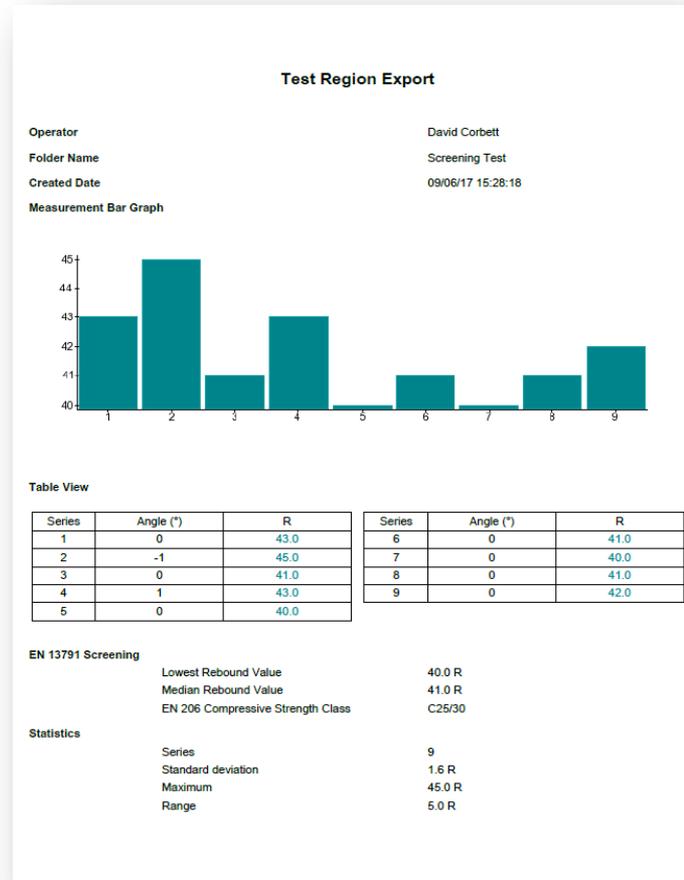
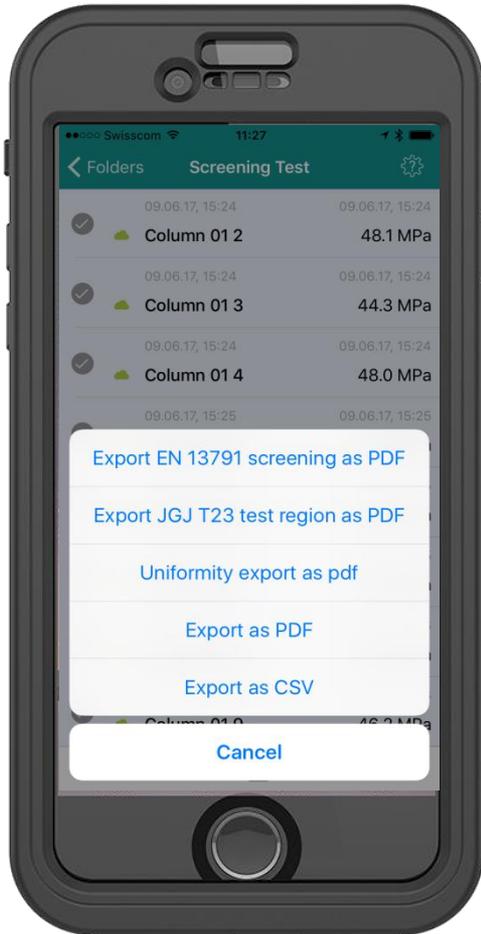


사용자 맞춤 강도 상관관계



*„ASTM/EN 기준 규격에 따른
사용자 커브로 정확도를 높일
수 있습니다.”*

David Corbett,
(PROCEQ 제품 매니저)

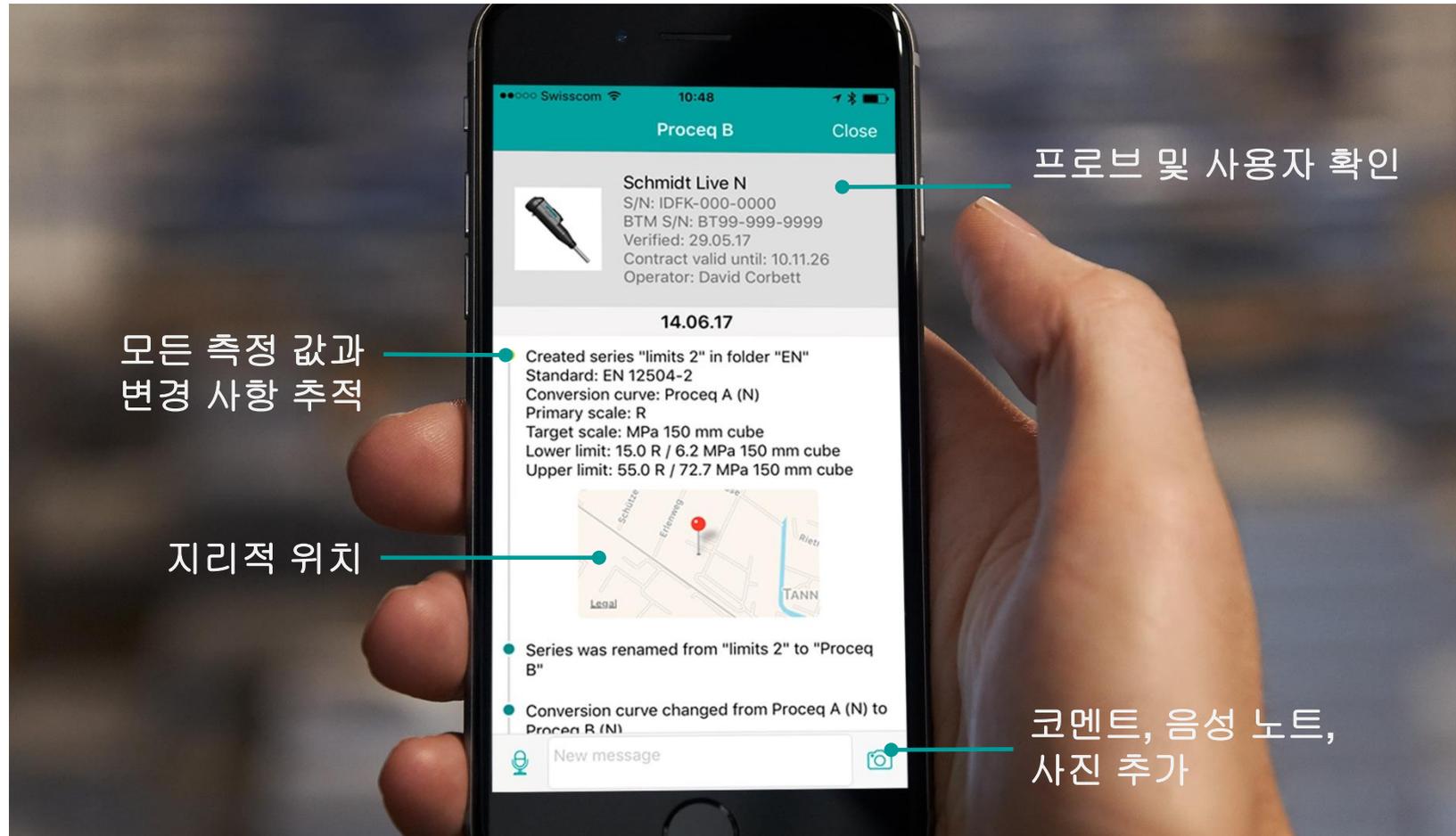


쉬운 확인

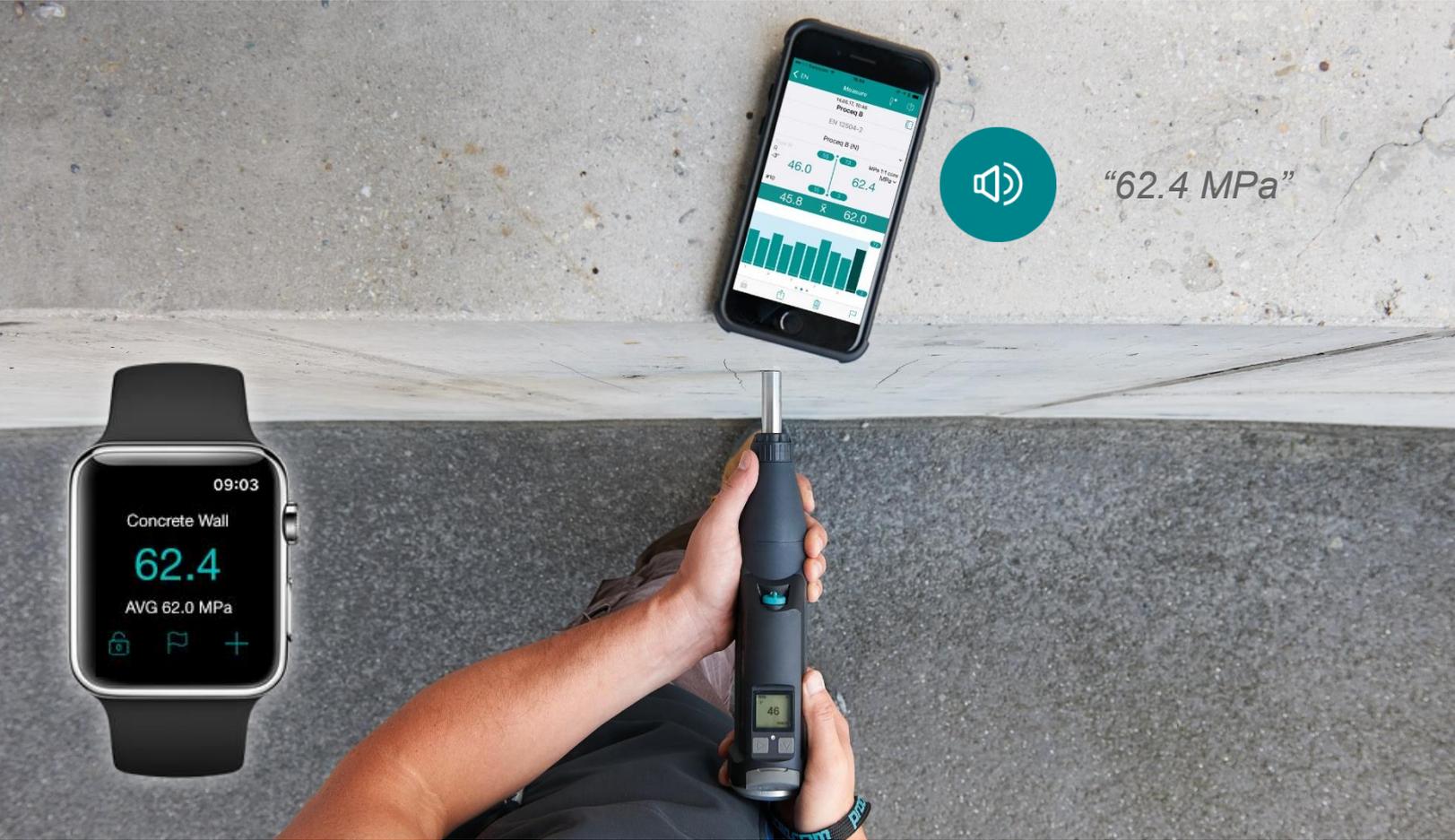


“... 기준 앤빌을 이용하여 값들이 제조사에서 권장한 범위 내에 있는지 확인할 수 있습니다...”

EN 12504 구조물 내에서 콘크리트 검사



최적의 휴대성



웹 기반의 보고서 툴



Browser: http://live.proceq.com

proceq live | Jorg Engesser | Equotip Live | Data Review

Data Review

- ASTM 3
- DC Test 13
- EN 3
- JGJ 23
- JSCE 3
- My Measurements 5
- Screening Test 10
- All Measurements 61
- Flagged 0
- Trash 1

Actions
Refresh

Name	Created On	Standard	Scale Unit																																								
portland J	06/14/2017 10:57 AM	ASTM C805	kg/cm ²																																								
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <table border="1" style="font-size: small;"> <caption>Measurements</caption> <tr><td>1</td><td>139 kg/cm²</td></tr> <tr><td>2</td><td>350 kg/cm²</td></tr> <tr><td>3</td><td>178 kg/cm²</td></tr> <tr><td>4</td><td>328 kg/cm²</td></tr> <tr><td>5</td><td>258 kg/cm²</td></tr> <tr><td>6</td><td>129 kg/cm²</td></tr> <tr><td>7</td><td>191 kg/cm²</td></tr> <tr><td>8</td><td>315 kg/cm²</td></tr> <tr><td>9</td><td>124 kg/cm²</td></tr> <tr><td>10</td><td>363 kg/cm²</td></tr> </table> </div> <div style="width: 45%;"> <table border="1" style="font-size: small;"> <caption>Statistics</caption> <tr><td>Average</td><td>234 kg/cm²</td></tr> <tr><td>Readings</td><td>6</td></tr> <tr><td>Minimum</td><td>139 kg/cm²</td></tr> <tr><td>Maximum</td><td>328 kg/cm²</td></tr> </table> <table border="1" style="font-size: small;"> <caption>Settings</caption> <tr><td>Upper Limit</td><td>804 kg/cm²</td></tr> <tr><td>Lower Limit</td><td>42.2 kg/cm²</td></tr> <tr><td>Standard</td><td>ASTM C805</td></tr> <tr><td>Conversion curve</td><td>Portland Cement J</td></tr> <tr><td>Name</td><td>kg/cm² 150 mm cube</td></tr> <tr><td>Unit</td><td>kg/cm²</td></tr> </table> <div style="text-align: right; margin-top: 10px;"> Logbook </div> </div> </div>				1	139 kg/cm ²	2	350 kg/cm ²	3	178 kg/cm ²	4	328 kg/cm ²	5	258 kg/cm ²	6	129 kg/cm ²	7	191 kg/cm ²	8	315 kg/cm ²	9	124 kg/cm ²	10	363 kg/cm ²	Average	234 kg/cm ²	Readings	6	Minimum	139 kg/cm ²	Maximum	328 kg/cm ²	Upper Limit	804 kg/cm ²	Lower Limit	42.2 kg/cm ²	Standard	ASTM C805	Conversion curve	Portland Cement J	Name	kg/cm ² 150 mm cube	Unit	kg/cm ²
1	139 kg/cm ²																																										
2	350 kg/cm ²																																										
3	178 kg/cm ²																																										
4	328 kg/cm ²																																										
5	258 kg/cm ²																																										
6	129 kg/cm ²																																										
7	191 kg/cm ²																																										
8	315 kg/cm ²																																										
9	124 kg/cm ²																																										
10	363 kg/cm ²																																										
Average	234 kg/cm ²																																										
Readings	6																																										
Minimum	139 kg/cm ²																																										
Maximum	328 kg/cm ²																																										
Upper Limit	804 kg/cm ²																																										
Lower Limit	42.2 kg/cm ²																																										
Standard	ASTM C805																																										
Conversion curve	Portland Cement J																																										
Name	kg/cm ² 150 mm cube																																										
Unit	kg/cm ²																																										
early strength J	06/14/2017 11:06 AM	ASTM C805	kg/cm ²																																								
blast furnace I	06/14/2017 11:11 AM	ASTM C805	kg/cm ²																																								

다이렉트 프린팅



디폴트

ID:	1234
Serial No:	OS01-000-0000
R	
#1:	40
#2:	36
#3:	40
#4:	36
#5:	35
#6:	37
#7:	42
#8:	40
#9:	39
#10:	40
Average:	38.5

JSCE-G504

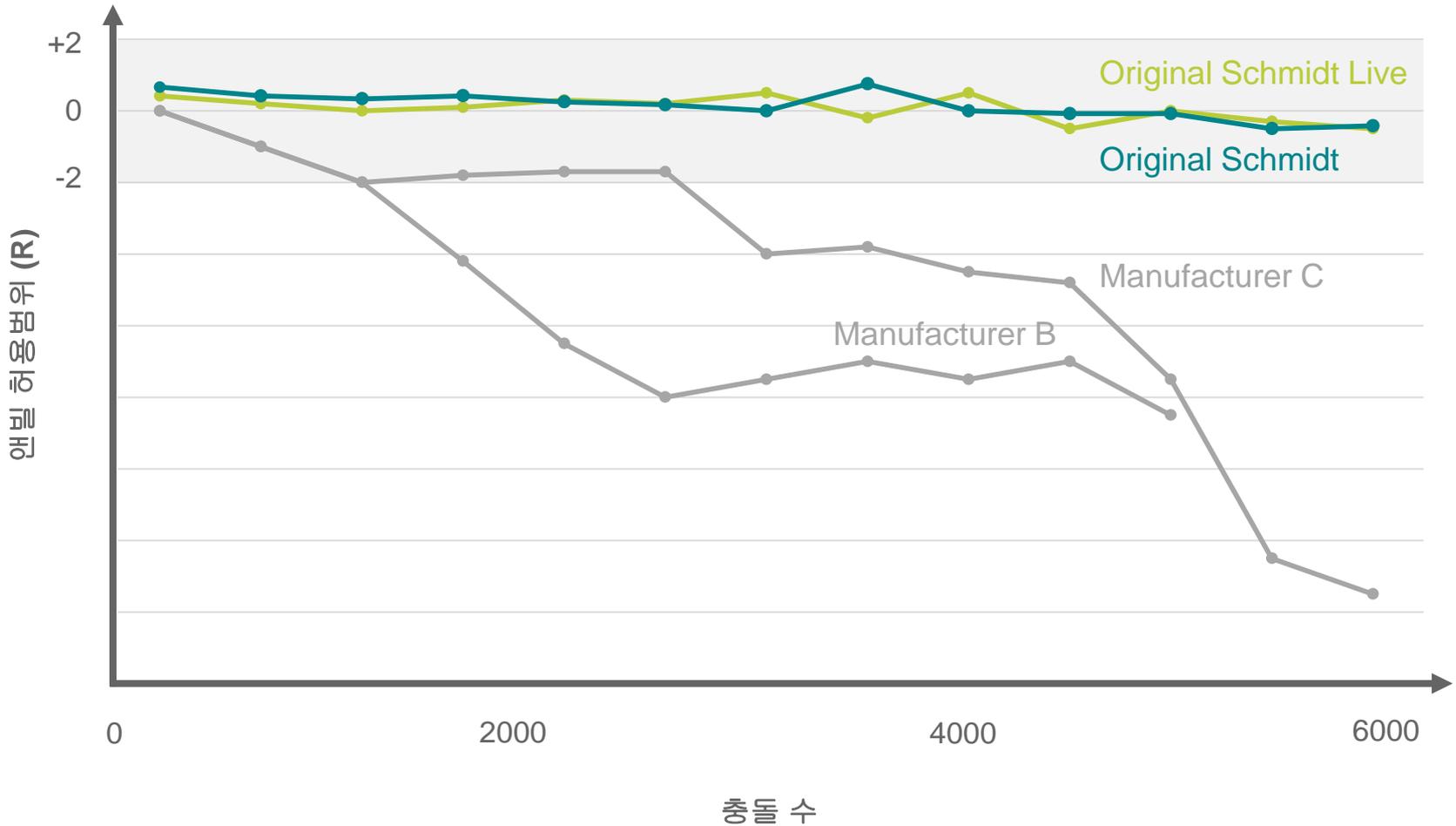
ID:	1234
Serial No:	OS01-000-0000
R	
#1:	40
#2:	36
#3:	40
#4:	36
#5:	35
#6:	59
#7:	42
#8:	40
#9:	39
#10:	22
#11:	42
#12:	44
#13:	49
#14:	44
#15:	48
#16:	45
#17:	45
#18:	48
#19:	41
#20:	40
Average:	41.2
Max:	59
Min:	22
Std. Dev:	7.2
JSCE-G504	
Valid:	18
Invalid:	2
R0:	41.9
R1:	+3
R2:	0°
Age:	28d
Compressive Str:	39 Mpa

가
값
바(bar) 차트

아웃라이어

강도
상관관계

Schmidt® – 최상의 조건



국제 표준의 적합성



EN



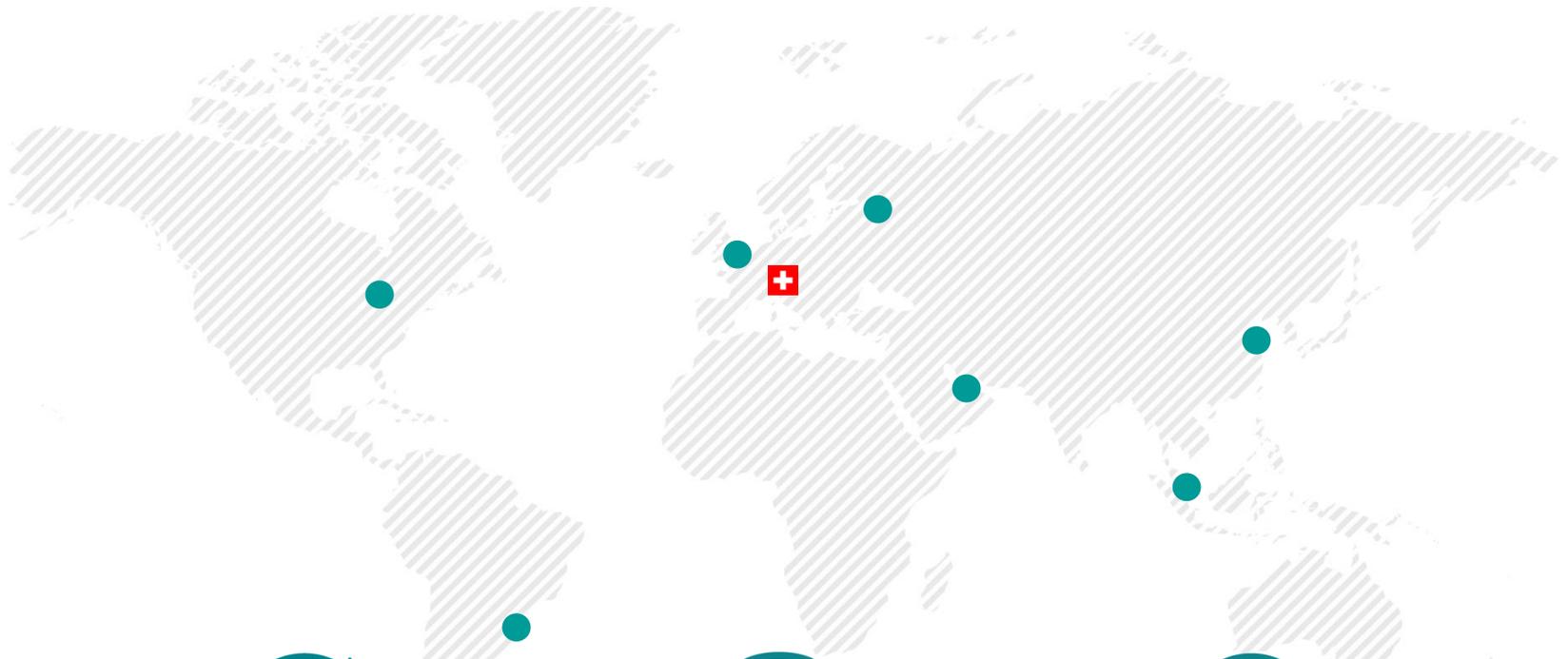
JGJ

JCSE



GOST

글로벌 Proceq 서비스 네트워크



빠르다



현지서비스



효율적이다

Original Schmidt Live



생산성 향상



포괄적 이용



최초 개발 시점

proceq

Future-proof





Schmidt®

강도 및 균일성 검사

Pricing is subject to change. Features are subject to change. Tablet or smartphone not included in offerings. Additional fee may apply. General terms and conditions of sale and rental apply, see: www.proceq.com/service