

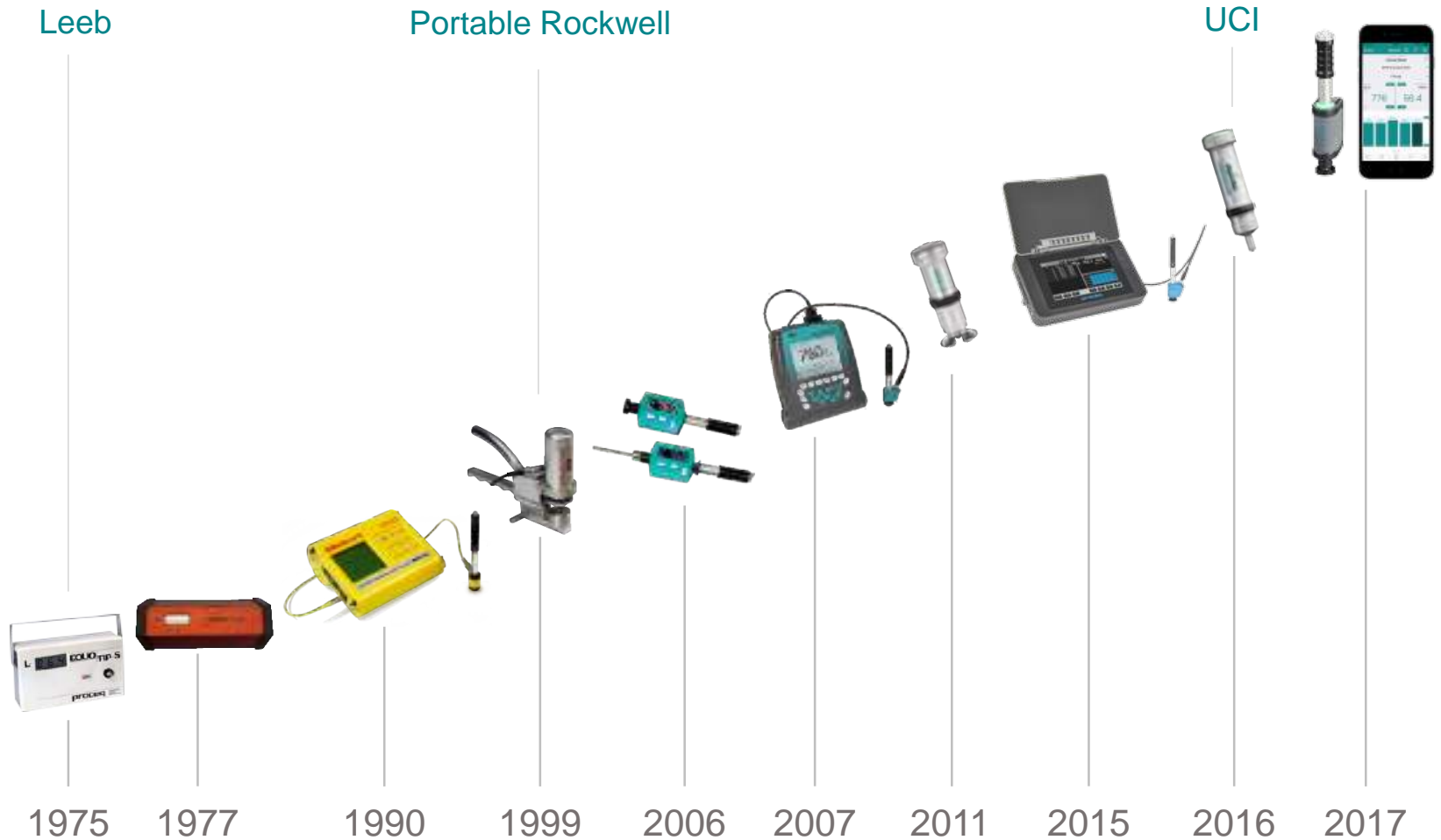


proceq

🇨🇭 Solutions since 1954

Equotip®  
Complete Portable Hardness Solution

# Revolutionizing Hardness Testing



# Hardness Testing



Incoming inspection



Metalworking industry

Process control



Heat-treatment and processing shops

On-site inspection

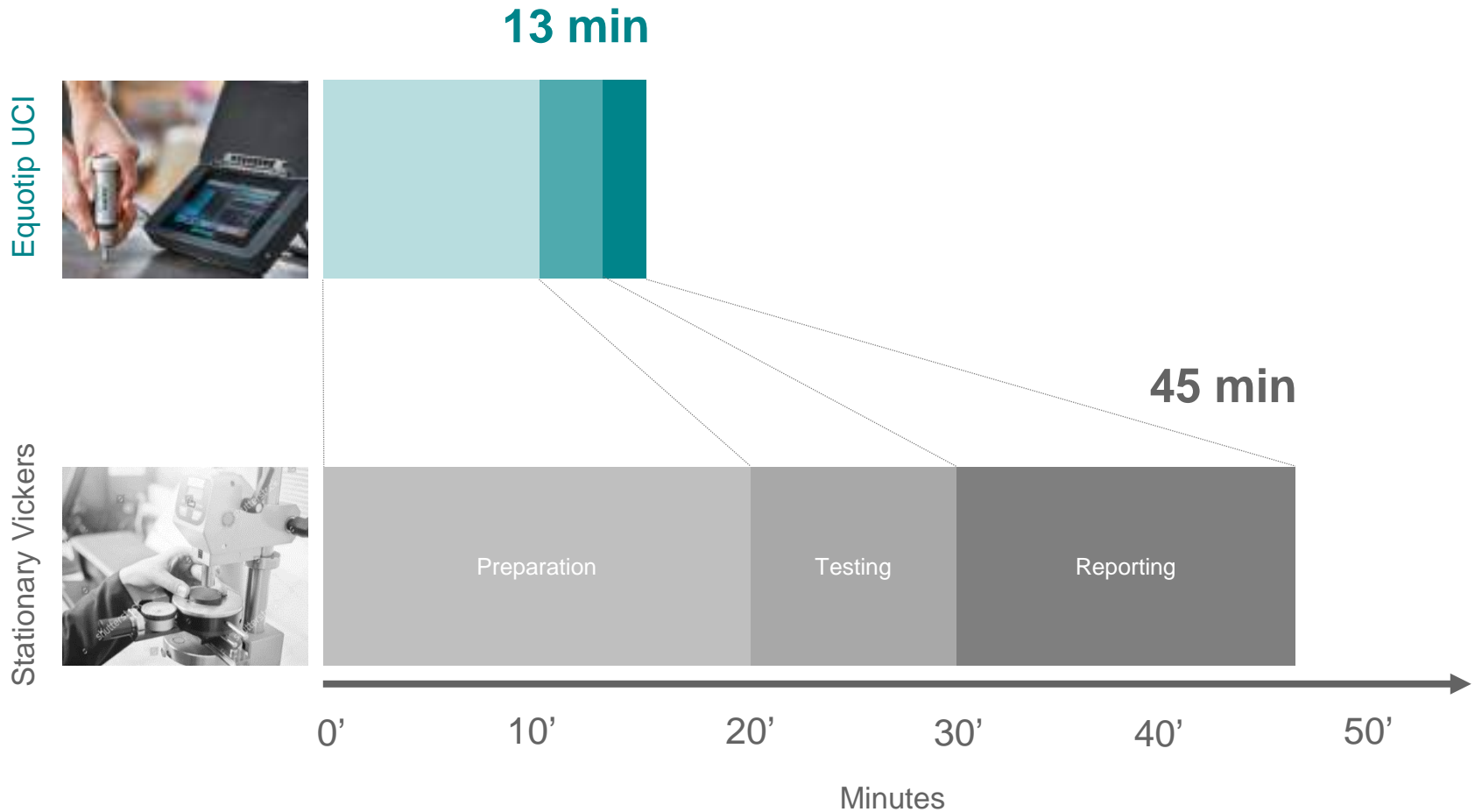


Inspection companies

# Spotlight: Portable vs. Stationary



10 (Portable) resp. 5 (Stationary) hardness measurements on a steel bar




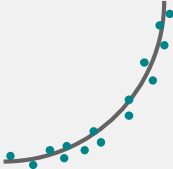




# Portable Technologies



New ISO Standard

	Leeb	UCI	Rockwell
Measure			
	HL (Leeb)	HV (Vickers)	HR (Rockwell)
Convert			
Results	HR (Rockwell)    HB (Brinell)    HV (Vickers)    HS (Shore)		

# Applications

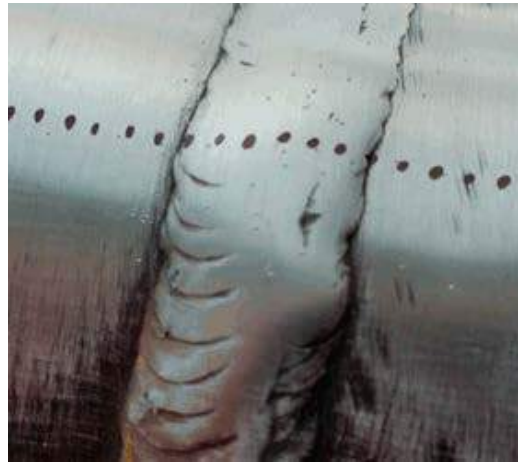


Leeb



Heavy parts

UCI



Welds / HAZ

Rockwell



Small parts

# Industry Pain Points



Incomplete offering



Time consuming



Poor consistency

# Equotip Solutions

proceq

New

Equotip Piccolo /  
Bambino 2



Equotip Live



New

Equotip 540



Equotip 550

Leeb Probes

UCI Probe

Rockwell Probe



# Equotip Probes



## Leeb: Ultra-versatility



**D** Standard surfaces

**DC DL** Inaccessible areas

# Leeb: Ultra-versatility



**G** Cast and forgings



**C** Smaller parts



**S** Ultra durable



**E** Very hard surfaces

## Leeb: Accessories



- ✓ 12 support rings
- ✓ on any shape
- ✓ for stable results

# UCI: All-in-One Probe



## Equotip UCI ONE probe



New

## Other UCI solutions Many probes



HV1  
Turbines



HV5  
Welds



HV10  
Forgings

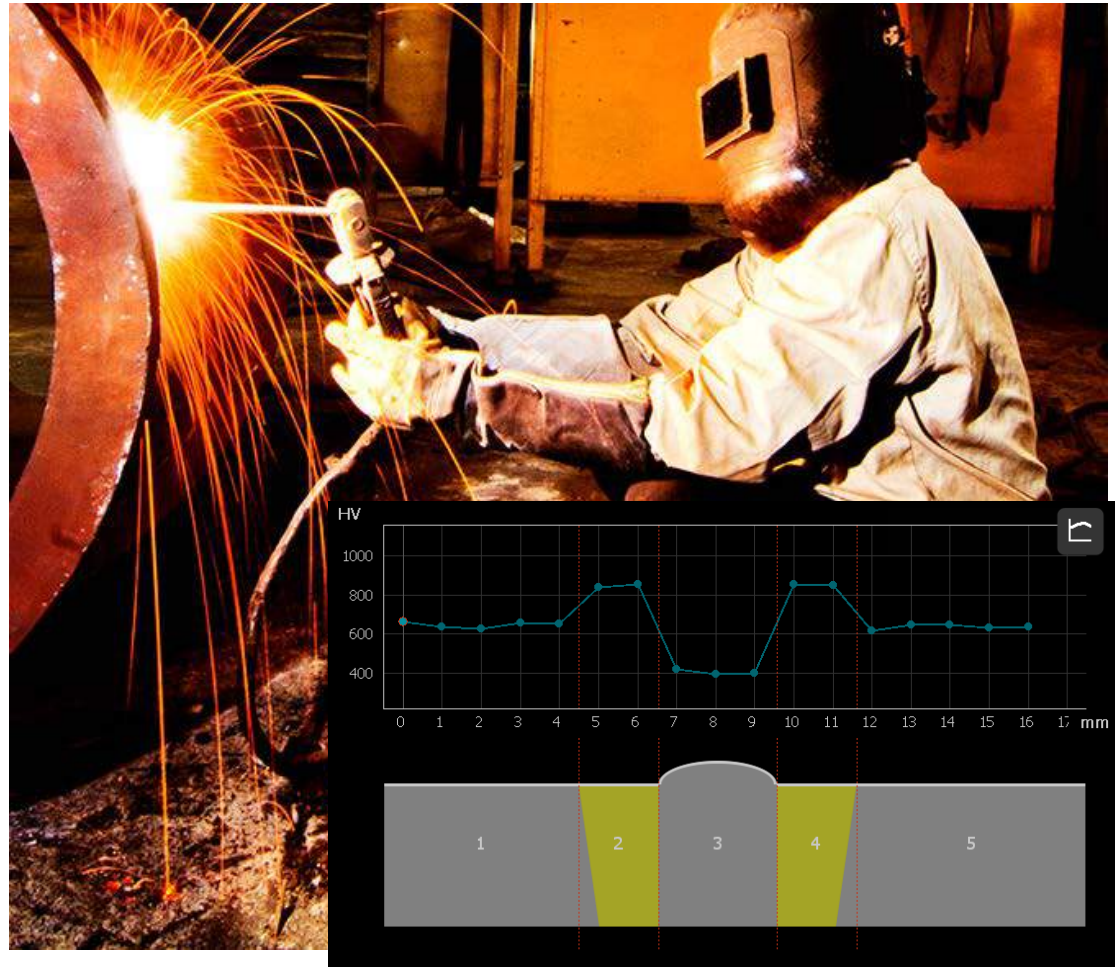
**HV1-10**  
All UCI applications



# UCI: Ideal for Oil & Gas



- ✓ Standard compliant
- ✓ Minimal surface preparation
- ✓ HAZ (weld) visualization



## UCI: Smart foot



- ✓ Magnetic for maximum stability
- ✓ Flat surfaces
- ✓ Curved surfaces

## Rockwell: Universal



Scratch-sensitive, polished, thin parts

## Rockwell: Accessories



- ✓ Clamp adapter
- ✓ 3 special feet
- ✓ for any geometry





Equotip Piccolo / Bambino 2



# Integrated

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- ✓ Leeb D + Leeb DL
- ✓ Compact
- ✓ Large display



# Automation



- ✓ Patented trigger
- ✓ In-line testing
- ✓ Remote control and read-out





Equotip Live



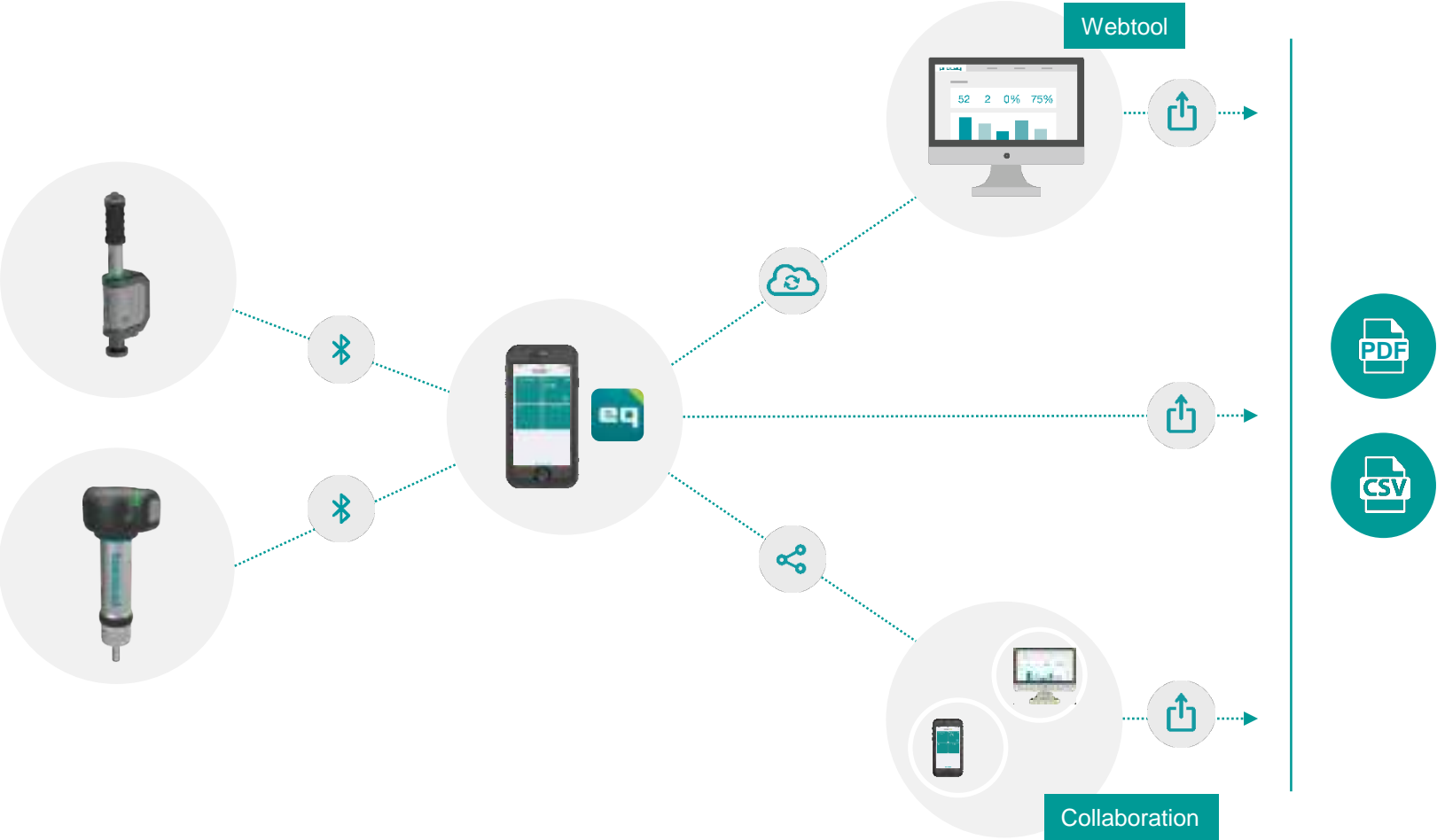


# Wireless



- ✓ Leeb D + UCI
- ✓ Connected
- ✓ Intuitive

# High Connectivity





## Best-in-class Design

**proceq**



Leeb D

Ergonomic design

Multi-color status LEDs



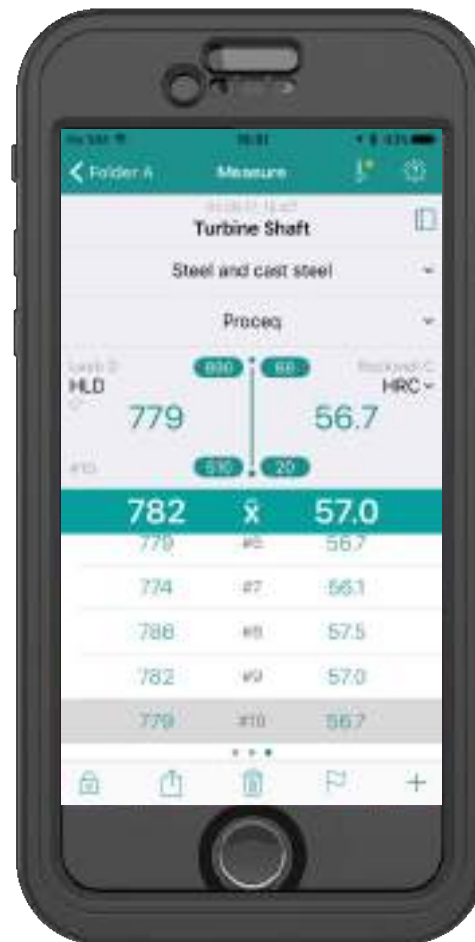
Standard batteries



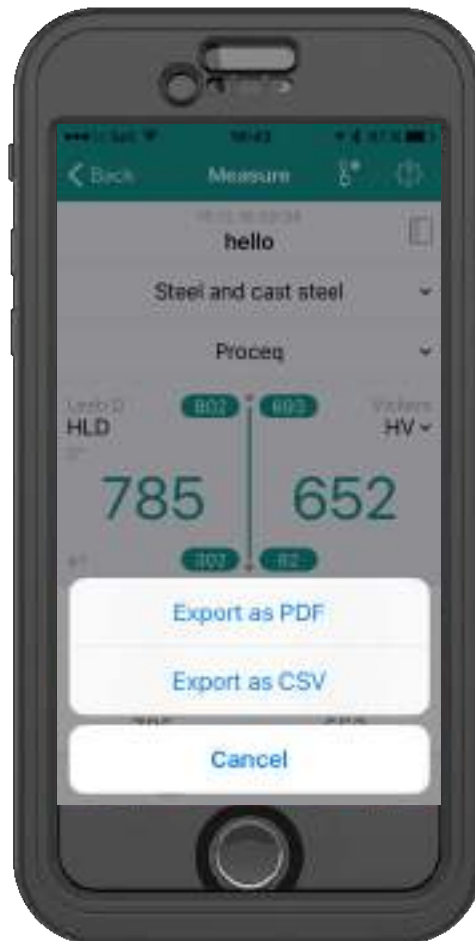
UCI HV1-10

# Intuitive

proceq



# Hassle-Free Reporting



# Customizable Hardness Conversions



*“Easy to adapt for special materials (e.g. alloys)”*

Christoph Frehner, Product Manager Proceq

# Easy Verification

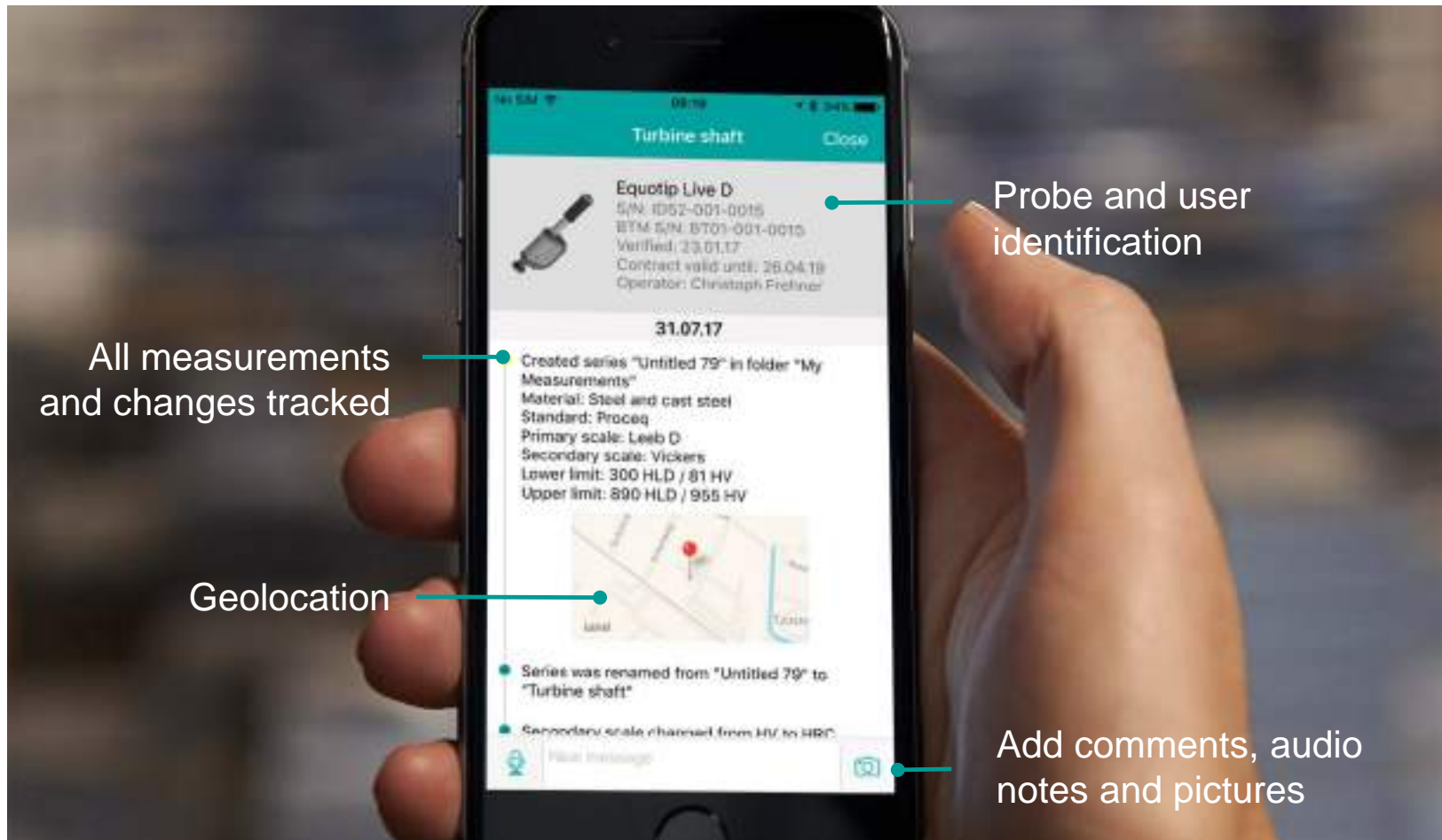


*“The performance of the instrument should be verified prior to use on each day...”*

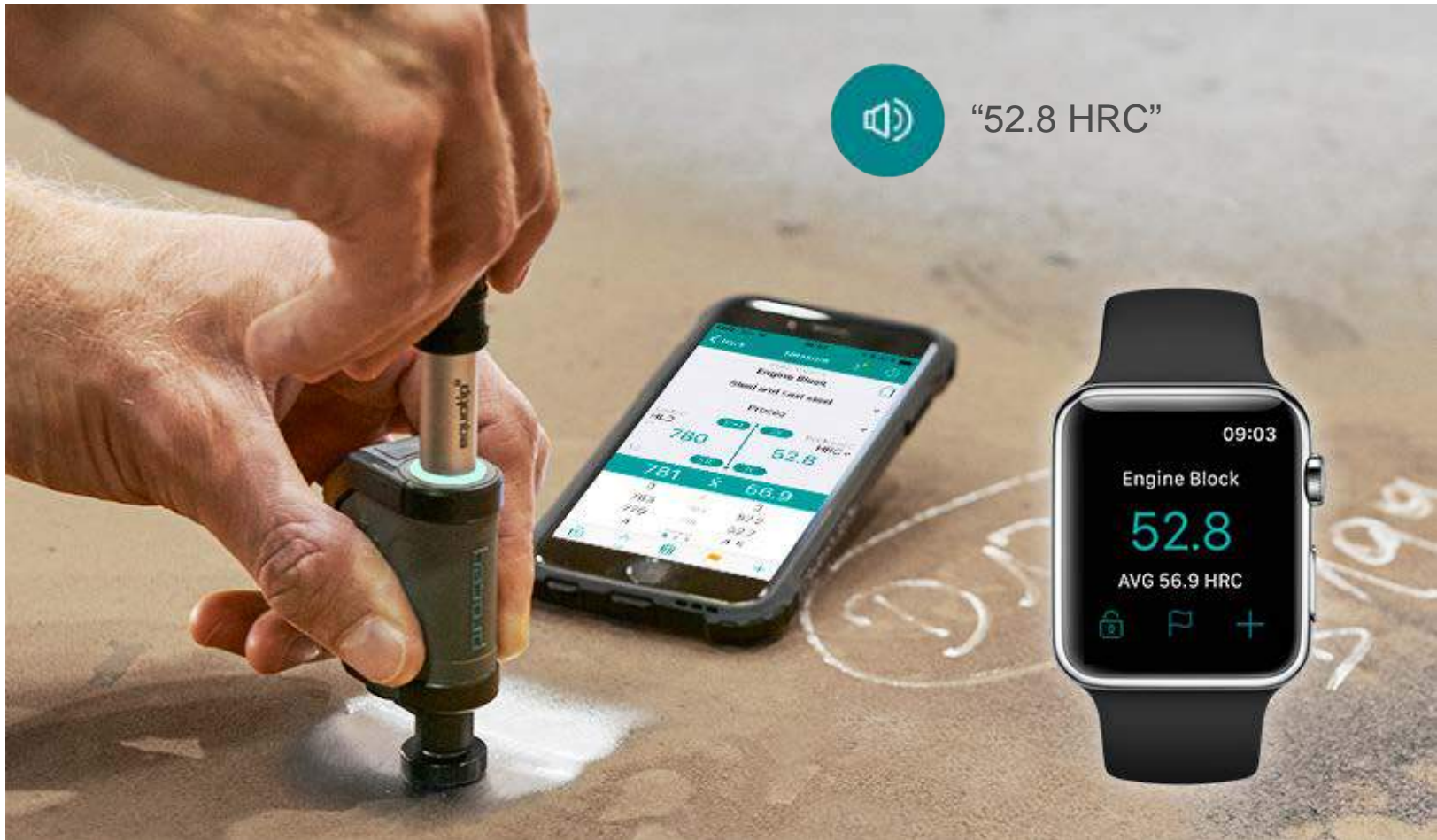
ISO 16859-1 Metallic materials – Leeb hardness test



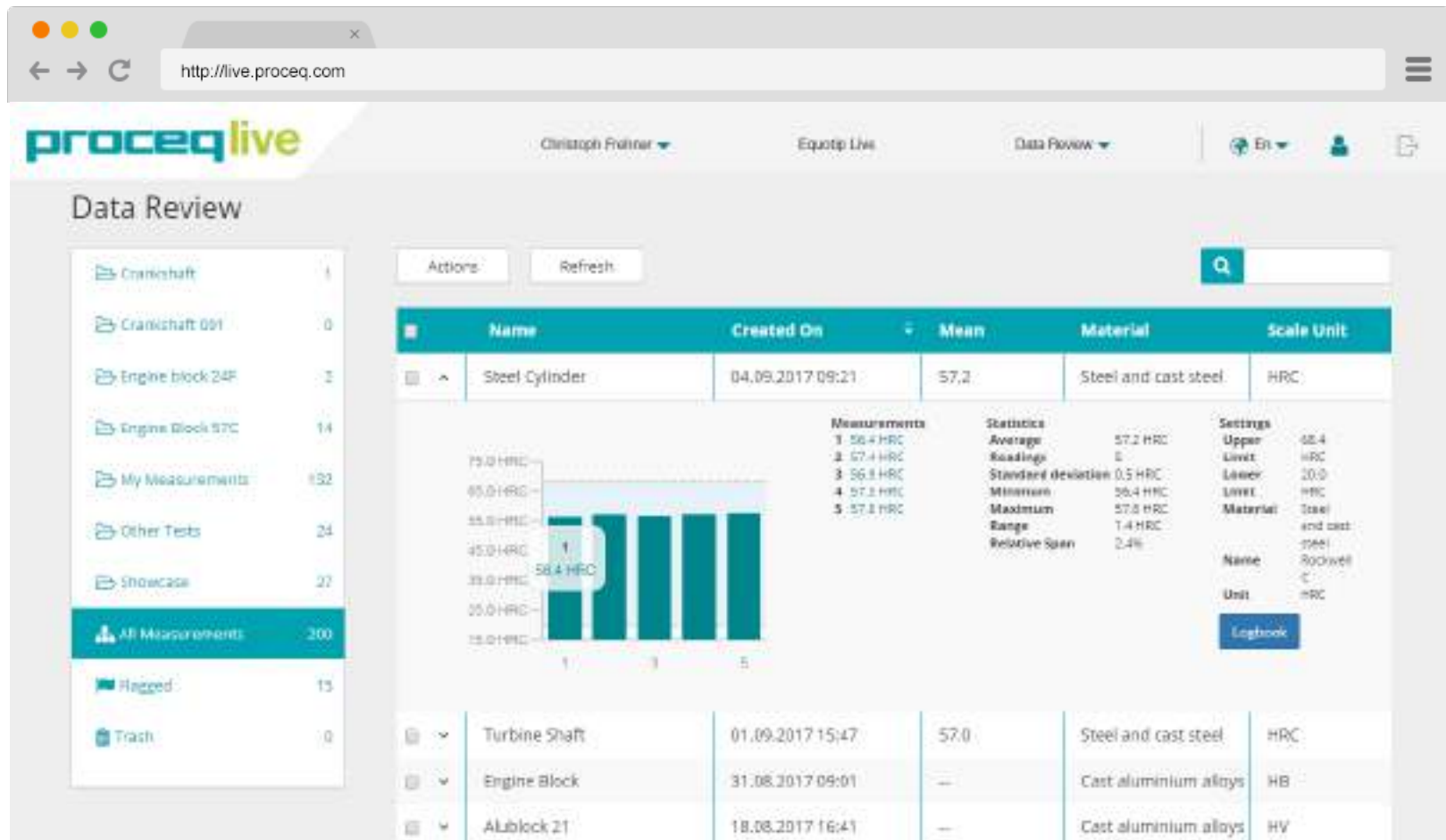
# Traceability through Logbook



# Ultimate Portability



# Web based Reporting Tool





# Equotip 550



# Versatile

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- ✓ Leeb - UCI - Rockwell
- ✓ Touchscreen
- ✓ Rugged IP54



# Feature-Rich User Interface



Personalized Screens

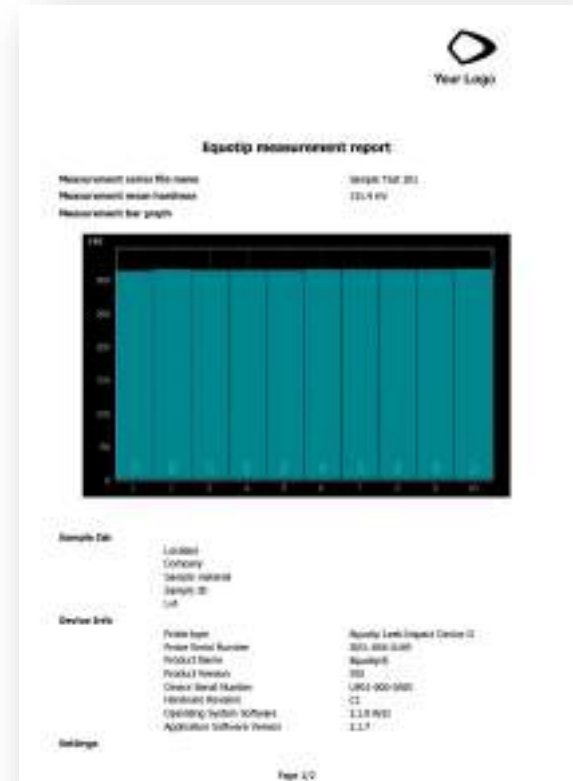
Multi-touch features

# Measurement Wizard



Step-by-step  
guide

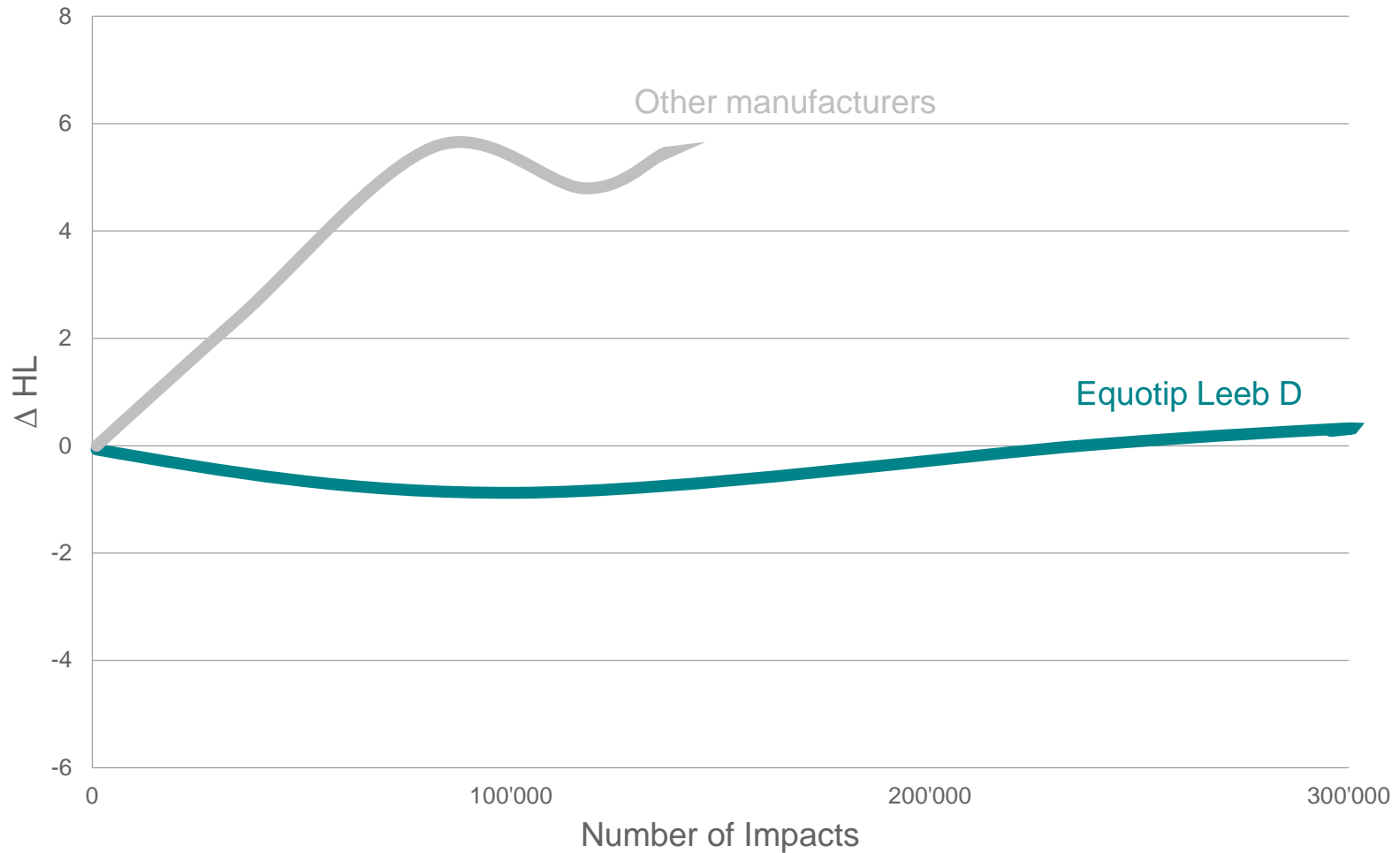
# Enhanced Reporting





Proceq Quality and Service

# Unmatched Consistency and Durability





# Replace Discontinued Solutions – Rely on Equotip



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General Recommendations	2
Life Cycle Program Overview	3



## Status Details

This notice is to inform you that the MIC10 UCI Hardness Tester and UCI probes will be transitioning to life cycle Phase 3 on October 31<sup>st</sup> 2017. This change means we will accept orders for new units through October 31<sup>st</sup>, 2017. After this time new unit sales **will no longer be available.**

Due to age of our hardness portfolio and resulting availability of components with changes in technology, it is necessary that we transition the **MIC10 and UCI probes** to Phase 3 of our Life Cycle program. As an overall strategy of investment in new phased array and conventional product upgrades, we will not be offering a replacement rebound unit.

# Guardians of Leeb Standard

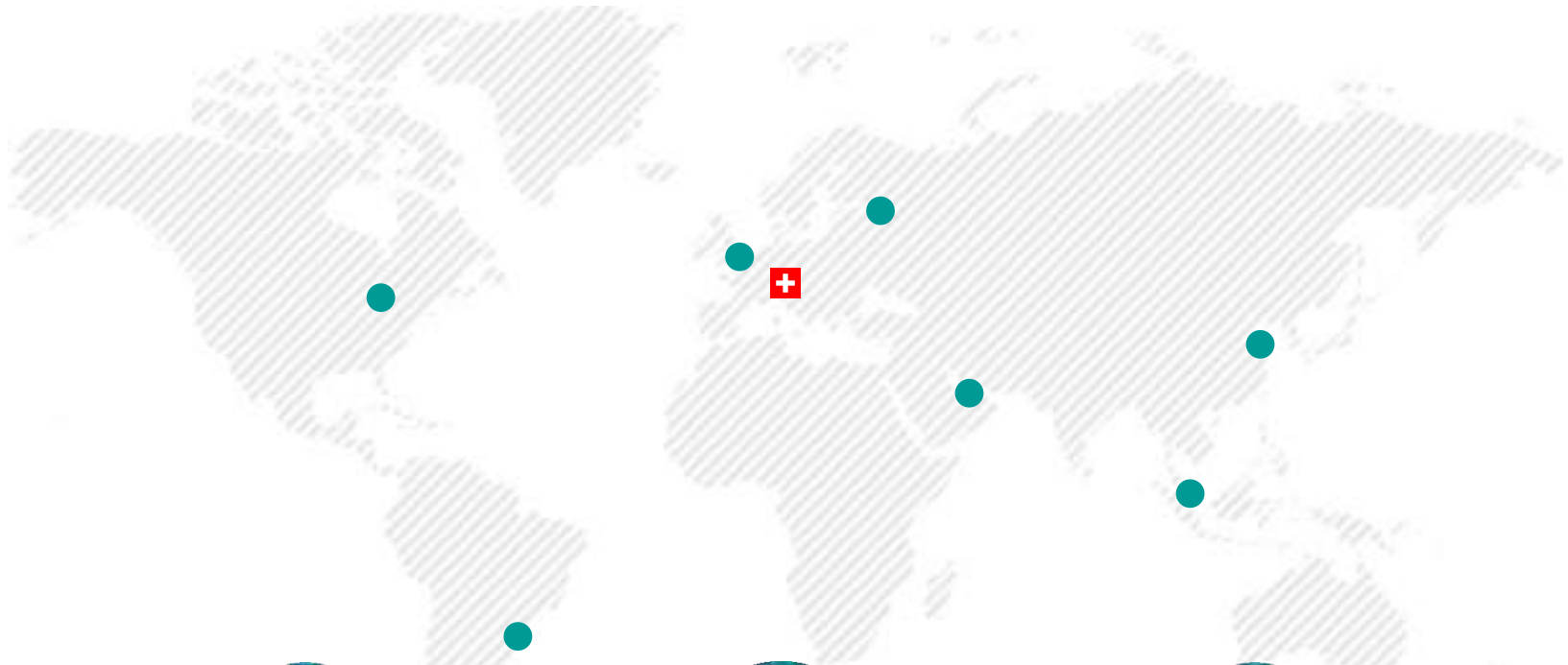


- ✓ Inventor of Leeb
- ✓ Conserved for over 35 years
- ✓ Supplier for National Metrology Institutes (NMI)

# Global Standards Conformity



# Global Proceq Service Network



Fast



Local



Efficient



Complete offering



Increased productivity



From the inventor



# Attractive Pricing



	Equotip		Equotip Live		Equotip 540		Equotip 550		
	Bambino 2	Piccolo 2							
	Leeb	Leeb	Leeb	UCI	Leeb	UCI	Leeb	UCI	Rockwell
Probes	D+DL	D+DL	D		D		all		
Custom Conversions		simple shift	simple shift	simple shift					
Export									
Report									
Live Webtool									

# Equotip Live Offers



## One off purchase

Leeb D



CHF 3,750

Incl. 2 years Report, Export,  
Sharing, Live Webtool

UCI



CHF 4,550

Incl. 2 years Report, Export,  
Sharing, Live Webtool

CHF 599 / year

Option to extend  
Report, Export, Sharing, Live Webtool

## Rental

Leeb D



CHF 999 start-up fee

+

CHF 599 / year

Full feature set

# Great deals you can rely on!



## Trade-in of discontinued products



Send us your Equotip ...

... get 35% discount on any Equotip 550 unit!



Send us your  
GE/Krautkrämer device ...

## Calibration



Send us your  
GE/Krautkrämer devices

... get a factory calibration!

# Future-proof





# Equotip® Complete Portable Hardness Solution



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](http://www.proceq.com/service)