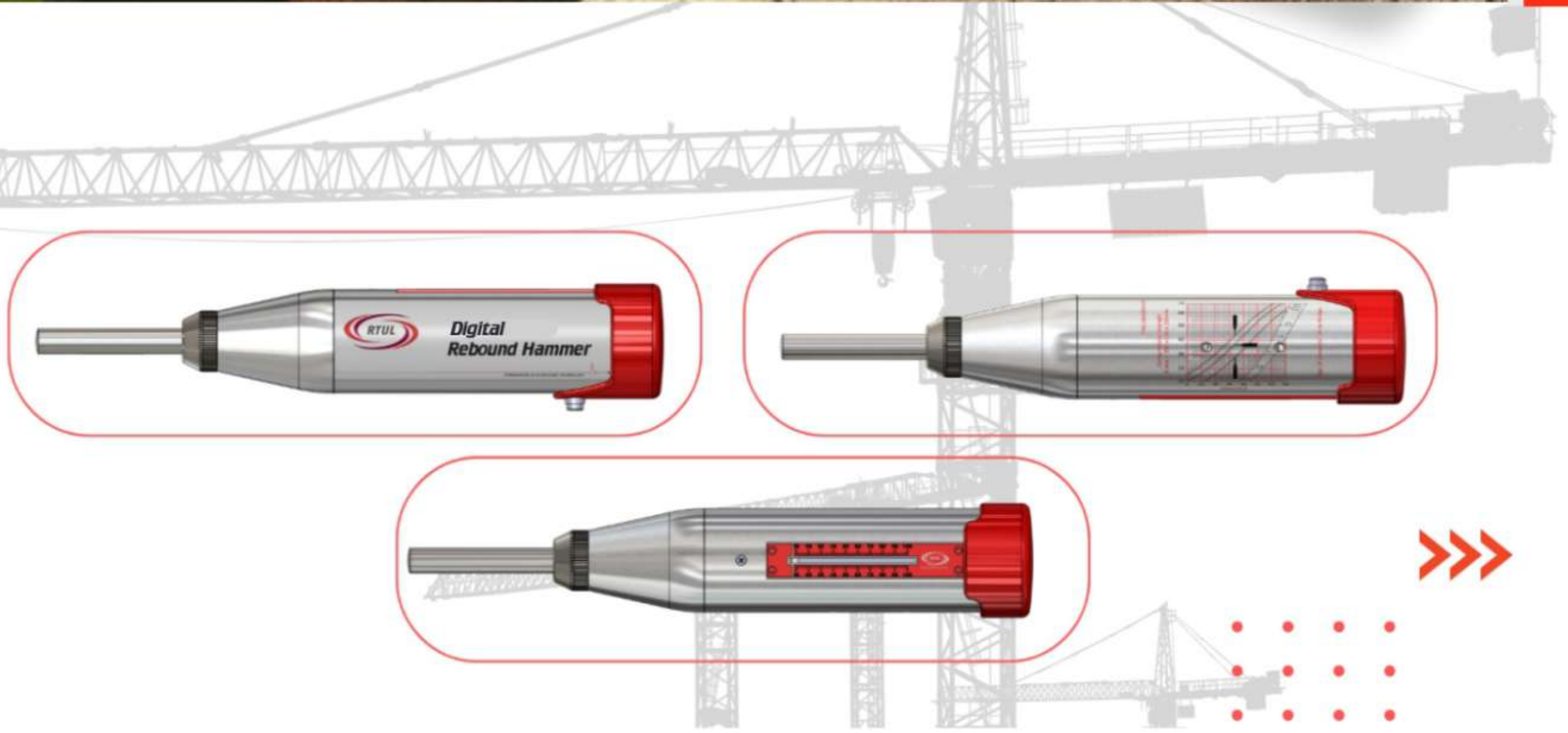


# Digital Rebound Hammer



## Precision Quality Assessment for Concrete Integrity

POWERHOUSE OF ULTRASONIC TECHNOLOGY<sup>®</sup>







- User-Friendly Interface
- High Precision & Accuracy
- Rugged & Durable Design
- Data Storage & Connectivity
- Digital Measurement & Display

A **Digital Rebound Hammer** is an advanced non-destructive testing (NDT) instrument used to evaluate the compressive strength and uniformity of concrete structures. It enhances the traditional Schmidt Hammer with digital technology, providing higher accuracy, automated calculations, and data storage. This tool is essential for construction professionals, engineers, and quality inspectors, ensuring safety, durability, and compliance in construction projects.

### Technical Specifications

Model No.	UX4690-N
Standard impact energy	2.207 Nm
Battery	Lithium ion battery (1600 mAh)
Accuracy	± 0.5 Mpa or better
Pre-set Standards	ASTM C805, EN 12504-2, IS 13311-2
Resolution	0.1 MPa
IP Classification	Ip54
Sensor Life	>200,000 cycles
Steel Anvil Rate Rebound Value	80 ± 2



### Key Features

- Automatic Data Logging: Saves thousand of test results.
- Wireless Connectivity: Supports Bluetooth, USB, or Wi-Fi for data transfer.
- Multi-Language Support: Available in various languages for global use.
- Memory Capacity: Stores up to 20,000 impacts.





## Digital Rebound Hammer - UX

### Specifications

Impact Hammer Stroke	75 mm
Material	Aluminium Housing, Steel hammer
Dimension	61 x 84 x 275mm / 2.4 x 3.3 x 10.8in
Weight	1090g / 2.4lb

### Benefits of UX

Instant Results: Displays strength values immediately for quick decision-making.

Efficient Quality Control: Helps maintain structural integrity and durability.

Durability & Longevity: Designed for rugged site conditions.



### Uses of UX4

- Quality Verification: Ensures compliance with required strength specifications
- Structural Evaluation: Assesses uniformity, durability, and weak zones.
- Maintenance Planning: Identifies areas requiring repairs or reinforcement
- Precast Concrete Testing: Checks strength and consistency before installation
- Non-Destructive Strength Assessment: Evaluates concrete strength without damage

### Accessories

Calibration Anvil for Digital Rebound Hammer



The **Digital Rebound Hammer** revolutionizes concrete strength testing by combining precision, digital automation, and seamless data management. With advanced impact measurement technology, wireless connectivity, and automated compliance verification, it offers unmatched reliability and efficiency in construction quality control. Ideal for structural engineers, inspectors, and contractors, this NDT tool ensures safety, durability, and compliance in various construction projects.



## Testing & Inspection Solutions

We have successfully been catering to the needs of various industries.



Cement



Construction



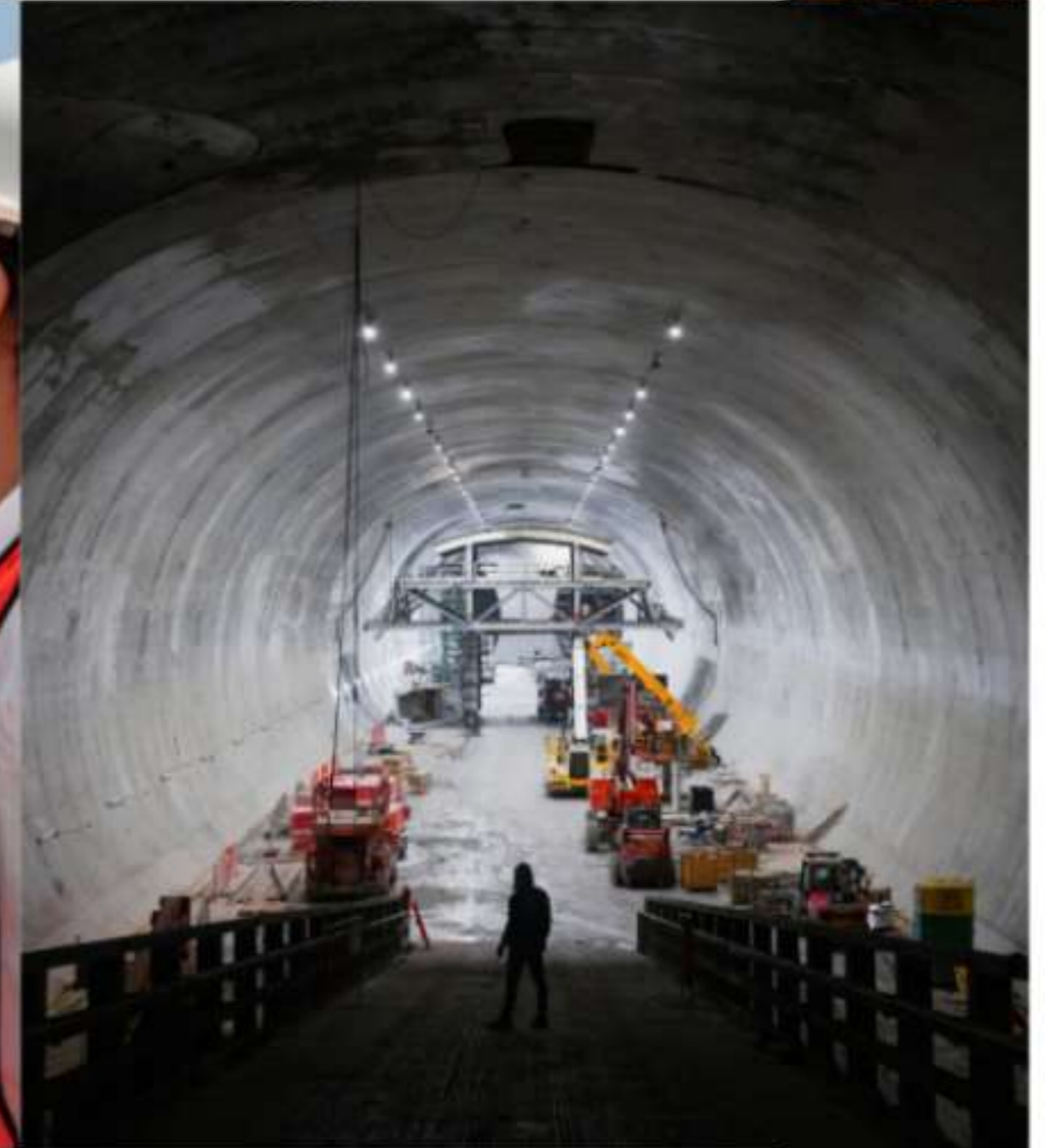
Civil Engg. Consultant



Environment



Inspection



Metro



Precast Concrete



Research



Wood

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