

***It would benefit your survey
to drill core holes into every
part of your project.
Practical? Consider this...***

TECVAC'S IMPACT-ECHO SURVEY CAN
PROVIDE UP TO 500 SIMULATED CORE
EXTRACTIONS IN A SINGLE DAY.

A single core from a 20,000 sf span of
concrete floor would do little good in
establishing the extent of disrepair. A
thousand would be nice but still
inadequate. TECVAC, INC. can produce
a color coded grid map and condition
report of the entire area in just three days;
with simulated core extractions performed
every 5'.

***Before you specify a repair
method, get all the
information you can.
Accurate investigation guides
the proper repair...consider
this...***

THE DOCTER™ AND IMPACT ECHO
TECHNOLOGY WERE SELECTED FINALIST
IN THE "CONSTRUCT CANADA 94'
INNOVATIVE AND TECHNOLOGY
AWARD"

There is nothing on the market today
that can provide condition information
with the reliability and accuracy of
Impact-Echo Technology.

Services

Turn Key Design/In-Situ Retrofits

Retrofit From Client Design and
Performance Specifications

Consulting Services

Non-Destructive Testing and Survey with
Impact Echo Technology

Forensic Investigations

Call For An Authorized TECVAC™ Applicator



"Taking Quality To A New Level...Worldwide"

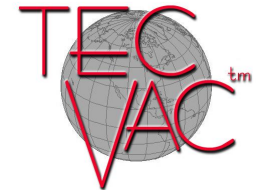
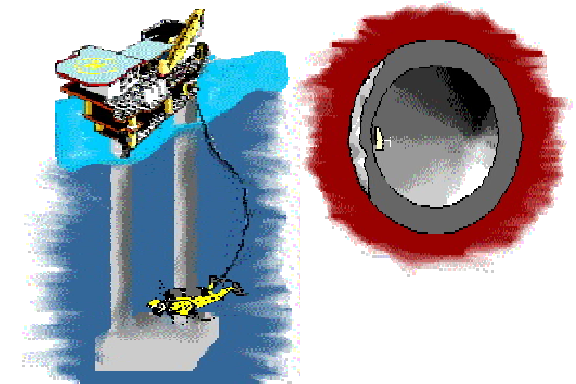
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Toll Free 800 847-9324
<http://tecvacinc.com>

**NON-DESTRUCTIVE
TESTING & SURVEYING
WITH THE DOCTer.**

*Future Technologies... Today
with*

Impact Echo



"Taking Quality To A New Level...Worldwide"

NOTHING FINDS YOUR VOIDS LIKE THE DOCTER™

ABILITIES

TECVAC, Inc. is a full service repair, restoration and maintenance specialty contractor. Our staff of experienced engineers and technicians have been called upon around the world to confront an array of problems associated with concrete masonry and stone structures.

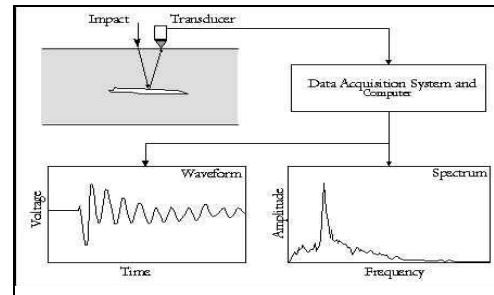
TECHNOLOGY

Impact Echo Technology utilizes an extremely advanced method of non-destructive testing that will provide the necessary background data for assisting the engineer in making the right decisions for an optimum repair strategy. Some of the most common applications are:

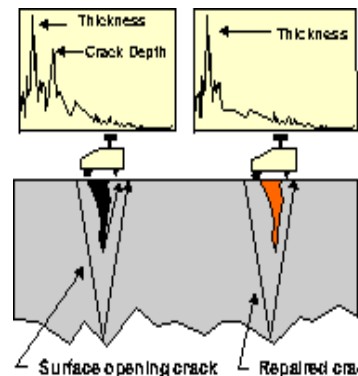
- Delamination surveys of slabs.
- Sandwiched membrane integrity.
- Crack, void & honeycombing detection.
- Surface opening crack depth measurement.
- Debonding of topping slabs.
- Thickness measurements
- Injection quality of cable ducts

DEFECT ORIENTATION CONFIRMATION TESTER

The DOCTer™ introduces a short duration stress pulse into the test object by technical impact on the surface.



A compression wave travels into the object and is reflected by internal defects or external boundaries, propagates back to the surface and again into the test object by which a transient resonance condition is set up as multiple reflections occur. This information is picked up by a transducer placed close to the impact point, processed and presented in graphic form.



Impact Echo Principal

NOTHING FINDS YOUR FLAWS LIKE THE DOCTER™

EXPERIENCE



Each of our technicians are carefully trained in the use of Impact-Echo at Cornell University. Our technicians performed the most extensive Impact-Echo survey ever performed in Taipei, Taiwan for the Dept. of Rapid Transit Systems.

BACKGROUND

Originally developed at the National Institute of Standards and Technology, our technicians have performed thousands of shots on a diverse range of structures and members.

COMMITMENT

We have the know how and the practical experience to service your individual requirements with concise information.

Call Today 703 742-9186