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# Monad Electronics

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# Introduction

## Winner of National Award for year 2009-2010 in R&D



Monad Electronics is An ISO 9001:2015 certified company, which has been involved for over 20 year in the business of designing, manufacturing and export of Electronic Industrial products, Testing equipments , sensors and related indicating and controlling devices and allied products related to Data logging & Acquisition.

Monad is specialized in providing high end and high accuracy customized Force Transducers, Multi-Axial Force Transducers and Torque Sensors. Monad is an expert in providing import substitutes of high end Load Cells, Safe Load Indicators, etc

We are supplying to leading industries and government institutions and are also exporting our products to USA, Germany, Belgium, Turkey, Australia, U.A.E., Singapore, Spain, Brazil, New Zealand, Philippines, UK, Croatia and to the African countries.

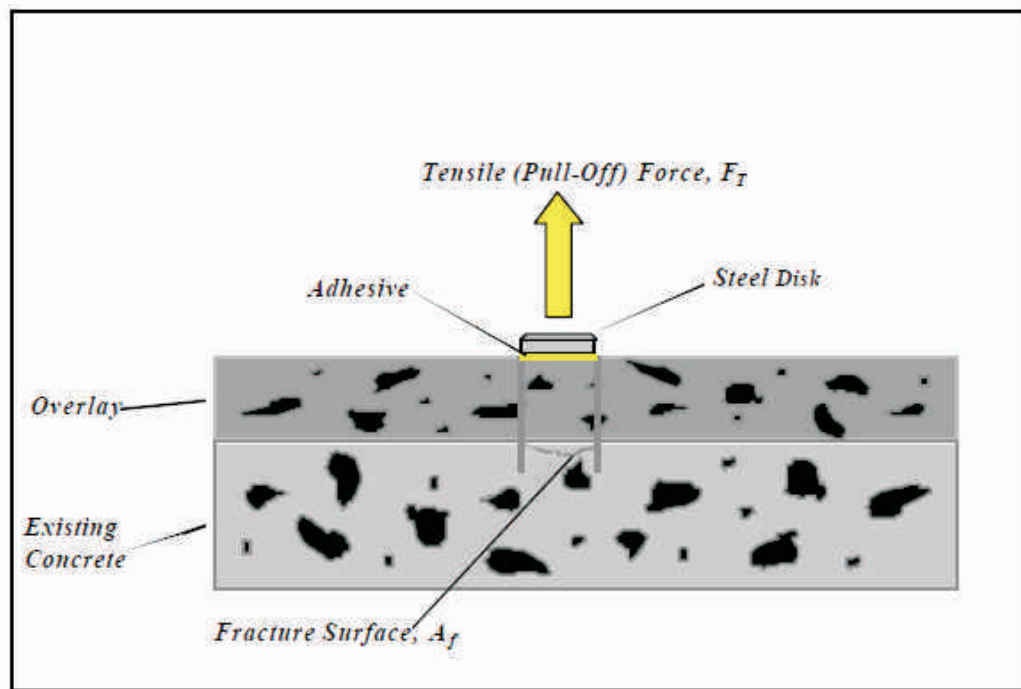
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The Monad Concrete pull off tester typically serves for the tensile strength of the Concrete and the resistance to tear of adhesive and surface coatings.

The pull-off test involves applying a direct tensile load to a partial core advanced through the overlay material and into the underlying concrete until failure occurs. The tensile load is applied to the partial core through the use of a metal disk with a pull pin, bonded to the overlay with an epoxy.

A loading device with a reaction frame applies the load to the pull pin. The load is applied at a constant rate, and the ultimate load is recorded.

The surface tensile strength of the concrete is a major feature for the diagnosis status of the existing buildings. The peel strength is the main characteristics of the products for the repair of concrete structure damaged and various adhesive and surface coatings such as plaster, plastic plaster, tiles, paints etc.



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## Key Features:-

- # Portable Sensor, Easy to use at site
- # Principle of hydraulic operation that allows precise adjustment the speed of the Load
- # Accurate measurement of the Load cell with strain gauges & a digital reader.
- # LCD Display
- # Serial Port for data transmission to PC
- # Battery Operated
- # Location & height of 3 supplies adjustable to allow the use in different conditions
- # Axle Load with ball joints which guarantees perfect axial Load.

