

CIST / 883-10kg / 20kg SDI Impact Soil Tester



Solid design checks for trench repair and soil strength to build Clegg impact hammer coefficient (CHM) tools

The 10kg Clegg Impact Soil Tester is manufactured by SDI. This model can be used to test hard materials such as workers in road construction. The tester may be used to collect data and predict the transport carrying potential values of roads with thin surfaces. The Clegg test content is that the hammer drops 5 times when used at each site, and the 4th display value is used as the final value of the measurement. The surface coefficients of the flexible pavement were measured at Mega Pascals (MPa, pressure unit) and were calculated from Dr. Baden Clegg's original study in the field. When the impact hammer on the fifth drop, the reader displays the measured Clegg coefficient or CHM. The CIST / 883 reader collects site measurements with time and date and transmits them wirelessly to the computer. The hammer weighs 20kg and is 130mm in diameter. To simplify transport and operation, the catheter has two wheels, equivalent to a cart. If the customer needs a 10kg hammer, we will have a 10kg hammer instead of 20kg. The reader is fixed to an adjustable mounting assembly that can be raised, lowered and rotated as required by the user.

CIST/883 10 Kg Specifications

CIST/883 specifications:-	Order code:- CIST/883/10K/Stor/Blu
model(20 Kg & 10 Kg)	CIST/883/20K/Stor/Blu. (20 Kg)OR CIST/883/10K/Stor/Blu. (10 Kg)
The suite includes	20 Kg Impact Hammer, T word Pull Hand, installed catheter, CIST / 883 reader with Bluetooth [™] , hammer and reader connected cable, Test ring, Sdi Software for Microsoft, Windows PC Bluetooth [™] USB Adapter, Operating Instructions, Certificate
Numeric presentation (character number form)	Clip in the catheter for the vertical display reader-easy to view
Read the value range	The IV (Impact) value is up to 110
Site self-inspection test	Test ring provides test reading value of usually 22 IV-prompt normal operation.
power	3V low power supply, need 2 AA batteries, alkaline battery / nickel-metal hydride battery / nickel-cadmium battery can be, the battery is installed in the battery box at the bottom of the reader, welding grade up to IP67. Battery life is 12 months
Battery grade	Note is provided on the open button
Turn on and control	Single press button.Automatic off after 5 minutes of display
Data store in the reader	Flash memory for up to 10000 * 5 reads / copy.Each record includes IV values obtained from 5 drop hammers, time, date of each test, indicating the correctness of TREND pass / fail results, and CHM.
Data transmission mode	Bluetooth [™] Wireless Data Transfer.No cable, free to connect to a Microsoft XP or laptop.(Provide Bluetooth U S B, dongle device available)
Data file type at transfer	CSV file type, used for use in third-party software such as Excel.Storage and output of up to 10,000 * 5 drop tests.
CHM Read values displayed	The software selects whether to display the Clegg test hammer coefficient on the LCD reader
Quality reader ensures component	TREND operations can be selectively enabled by the software to detect readings between the built-in IV, and will notify the user if the test fails (the reader displays 'ABORT')
system software	SDI company provides PC software for convenient data transmission, real-time test viewing, time and date setting, and configuration and installation.It is very easy to use
Transportation storage box	Model number CIST / 20 / WTS / 09. Wooden boxes, carried in transport For additional protection.
Roughly size and weight	123 x 41 x 41 cmThe instrument weighs 30 Kg, and contains the packaging weight is 50 Kg.