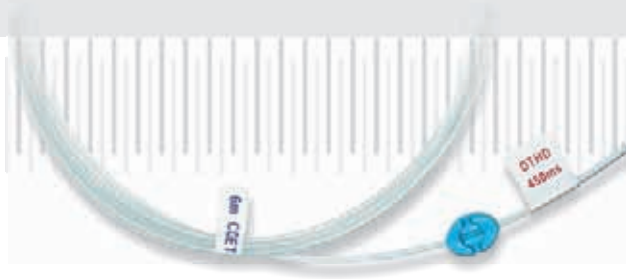


CDET OMEGA DTHD

DOWN THE HOLE DELAY SHOCK TUBE DETONATORS



CDET OMEGA DTHD is a Non-Electric initiating device used for true bottom initiation of the bore hole in blasting. DTHD consists of a Shock Tube with a Delay Detonator on one end and a Detonating Fuse Connector on the other end. The Shock Tube on the DF Connector side is heat sealed to resist moisture and to prevent water ingress into the tube. Delay time indicating sticker & length indicating sticker are attached to every DTHD for easy identification and handling. The Delay Detonator is of No. 8 strength.

OMEGA DTHD can be used in combination with Surface Trunk Line Delay Detonator (STLD) and it provides unlimited delay periods and sequences to conduct large scale blasts.

OMEGA DTHD can be used in combination with detonating cord and cord relay also, if the need arises. The Shock Tube can be connected to the detonating cord on surface using the DF Connector provided.

CDET OMEGA DTHD comes in delay periods of 200 ms, 250 ms, 400 ms and 450 ms. The higher delay timing of DTHD enables blasting the first borehole when the surface initiation is completed or far off from the first borehole. This helps in eliminating the probable cut-off of the shock tube on the surface due to the blasted rock from the first hole.

OMEGA DTHD can be used for multideck initiation in boreholes to reduce the ground vibrations in sensitive areas, inhabited areas and in controlled blasting operations.

The Shock Tubes are available in lengths varying from 3 Meters to upto 50 Meters. Specific lengths and delay timings can be provided on customer's request.

PACKING: DTHDs are first packed in a paper bag and the bags are then kept in a Fibre Board Box. 25-200 numbers of DTHD are packed into a box depending on the length of the shock tube.

CLASSIFICATION : Indian Explosives Rules - Class 6, Division 3
U.N. No. & Stowage Category - 0360, 1.1B

ADVANTAGES:

- True bottom initiation can be achieved.
- Ground vibrations can be controlled to a greater extent.
- Suppression of airblast due to the full utilization of energy in true bottom initiation.
- The leakage currents in conductive ore bodies and water holes will not cause any misfires.
- Toe initiation resulting in generating greater and loose muck pile, reducing the cycle time of operation.
- Eliminates the risks of accidental initiation by stray currents, static charges and radio frequency signals.
- The shock tube can be initiated with a detonating cord, No. 8 strength detonator and other Omegadets.
- There is no disturbance of stemming column, no desensitization of explosive column, thereby higher explosive efficiency can be derived.

SAFETY IN USE:

- Never cut the sealed end, since moisture or water ingress can cause misfires in initiation.
- Never try to initiate the shock tube with flame as the shock tube can be initiated only with another detonator or detonating cord and not by flame.
- Please remember that one shock tube cannot initiate another shock tube.
- Never hit the shock tube with heavy objects as it can cause discontinuity in the tube.

DISCLAIMER : The information given in this data sheet cannot possibly cover every application of the product nor every condition under which the product is used, the purchasers should make their own assessment to determine the suitability of the product and applicability for their particular purpose in the specific context. Explosive materials are dangerous and must be stored / handled as per approved regulations and safety procedures under competent supervision. The manufacturer does not make any warranty of any kind, expressed or implied, other than those implied mandatorily by State legislation. In no event shall the manufacturer be liable for consequential damages, expenses or losses. Products are in the process of continuous development and their specifications are subject to change without notice.

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(AN ISO 9001: 2000 COMPANY)

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