



CATALOG



NTX[®] - Equipment & Services

NTX sells all over the world, through a network of trusted distributors, equipment and accessories of proven reliability.

We invest in research and development for the continuous improvement of our products and for the development of new technologically advanced.

The equipment is always field-tested in advanced to be sure of their safety and effectiveness.

We provide both standard and customized services to suit every need, ensuring accuracy, competence and attention, because the satisfaction of the Customer is our priority.

We work following ISO 9001:2008 standards. All the calibration equipment is yearly certified by LAT. Our management system

SAP Business One will ensure the traceability of information and operating flows, to offer a service trustworthy and reliable.

We work in the field of metrology and we supply specific equipment for the monitoring of environmental phenomena.

We are exclusive distributors for Nomis Seismographs Inc. and White Industrial Seismology Inc. for Italy, and we are authorized center for repair and calibration of these seismograph.

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ACTIVITY

SALES and RENTAL of tools and equipment.

MONITORING SERVICES

Overpressure waves in water
Seismic waves induced by mechanical excavation and blasting demolition, vehicular traffic and sheet piling and poles.

Seismic waves and air overpressure induced by rock excavation or blasting
Electromagnetic waves produced by radio frequencies, industrial machinery and electrical substations.

EQUIPMENT SERVICES

Calibration of seismographs
Conformity check of blasting machines
Test of conformity of ohmmeters
Repair of equipment and technical support
Customized measurement setup

TRAINING AND EDUCATION

We promote and delivery training courses and professional training for the use of specific equipment.

tec@ntx-int.com

admin@ntx-int.com

comm@ntx-int.com

Distributor:

BLASTHOLE DEWATERING PUMP

Cod. X000002

For borehole of 64mm to 215mm diameter. The assembly consist of: a stainless steel pump body, an expandable and replaceable rubber sleeve a discharge hose, an intake hose with a stainless steel tube screen, air supply hose, pressure regulator, an operating valve, and assorted fittings.

The pumps thanks to the compressed air displaces the water and forces it out up to the discharge hose



High	360,00 cm
Length	580,00 cm
Width	320,00 cm
Weight	18,50 Kg

SEND YOUR INQUIRY

BLASTING CURVED BRASS HORN

Cod. X000003

Blasting horn made in brass.



High	9,00 cm
Length	42,00 cm
Width	6,00 cm
Weight	0,25 Kg

SEND YOUR INQUIRY

WOODEN SAFETY BOX FOR DETONATORS

Cod. X000004

For the safety transport of detonators up to the blasting front. Impregnated plywood structure with 11 trays



High	44,00 cm
Length	30,00 cm
Width	88,00 cm
Weight	7,00 Kg

SEND YOUR INQUIRY

SAFETY CUTTER FOR BLASTING CORD**Cod. X00005**

Stainless steel blade. It is ideal for all cutting applications including NONEL tube, and fuse and detonating cord. It comes with a chain and carabiner.

Available replacement blade.

High	2,00 cm
Length	20,00 cm
Width	5,00 cm
Weight	0,29 Kg

[SEND YOUR INQUIRY](#)**PLASTIC LOCKING SPRING****Cod. X00006**

When charging vertical boreholes, these springs guarantee that the charge stays safely in place.

For hole diameters from 40 to 64mm

Minimum lot 2000

[SEND YOUR INQUIRY](#)**REPLACEMENT ELECTRODE FOR MICKO 1 DUAL****Cod. X00009**

Shelf life of single electrode for ST blast is about 400 firings.

After 200 shots it is advisable to adjust the electrode for its shortening due to tearing

High	3,00 cm
Length	4,00 cm
Width	2,00 cm
Weight	0,03 Kg

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SAFETY VAULT MSV-CESIUM

Cod. X00031

safety vaults for storage of explosives/arms. The vaults are built according to the European Standard EN 1143-1 Grade VI and the vault is thereby the most highly rated storage magazine available on the market for explosives. The vault is built in modules and can be adapted to meet changing needs in vault size.



High	136,00 cm
Lenght	125,00 cm
Width	125,00 cm
Weight	380,00 Kg

SEND YOUR INQUIRY

BLAST HOLE PLUGS

Cod. X00034

For holes with diameter from 34 to 51mm. Lot of 200 pieces. They are made in polyethylene and colored in green. They are used to prevent the filling of the holes with blasting debris. They are useful for the immediate detection of blast holes. They are stackable and reusable.



SEND YOUR INQUIRY

SAFETY OHMMETER BO-03

Cod. X000233

BO-03 is a safety Ohmmeter for check of blasting electric detonators circuit.

It turns automatically on when the circuit is connected to its terminals and turns off when the circuit is disconnected.

The measured value is showed in the LCD display. Measuring offset is automatically selected among 199,9 Ω and 1999 Ω.



SEND YOUR INQUIRY

EXPLOSIVES VELOCITY OF DETONATION (VOD) RECORDER**Cod. X000211**

This is reliable, rugged instruments to verify the performance of explosives and delay times between holes and explosives decks.
Data Storage = Internal Flash (4 GByte)



High	27,00 cm
Lenght	24,06 cm
Width	12,30 cm
Weight	1,90 Kg

SEND YOUR INQUIRY**EOD MULTITOO****Cod. X000107**

The 100% stainless multi-tool includes a blasting cap and demolition cord crimper along with numerous other 11 tools and features.
It comes with its protective holster



High	4,00 cm
Lenght	13,00 cm
Width	4,00 cm
Weight	0,30 Kg

SEND YOUR INQUIRY**HAND CRANK SIREN****Cod. X000108**

Independent from energy sources. Convenient operation by one person. The full volume is reached after a few turns of the crank handle.
Reduced sounds can be achieved simply with a muffler.

Specifications:

Audio Frequency: 435 Hz

Range of audibility: with the wind 400m

Range of audibility: against the wind 200m



High	83,00 cm
Lenght	50,00 cm
Width	50,00 cm
Weight	9,30 Kg

SEND YOUR INQUIRY

BLASTING WIRE – FOR NOT PERMITTED ENVIRONMENTS

Cod. X000111

This blasting line finds its main application in underground excavations. The cross section of 4 mm² provides a low-loss pulse even for long shooting distances. The double insulated neoprene minimizes the risk of leakage of energy and therefore, misfires. It is suitable for electric blasting and blasting machine with up to 4000 V. The line is provided on a winding roller with handle and brake for easy unwinding and rewinding of the cable. The electrical connections are secured with connectors MIL standard high amperage contacts and anti-oxidation (military standard). Cable length of 250m..



SEND YOUR INQUIRY

BLASTING SHIELD

Cod. X000158

Wire rope blasting mats are the most versatile and flexible units on the market today. This gives it the ability to adapt to any topography, face or blasting operation. The wire rope blasting mats comes complete with a built in bridle system that makes setting the blast mats simple.

This blasting shield are extremely durable; they are built to withstand intensive daily use. Wire rope blasting mats are also fireproof, which offers blasters the ability to use new modern aluminized explosives. This is completely recyclable (Green), unlike the rubber tire units.



SEND YOUR INQUIRY

EXPLOSIVE DAY BOX

Cod. X000162

Containers for safe transport and safe stock of explosives on site. The internal useful volume is 4.9 m³. Protection from external actions is granted by a frame of corrugated iron, rock wool panels and plywood treated with fire retardant paint.



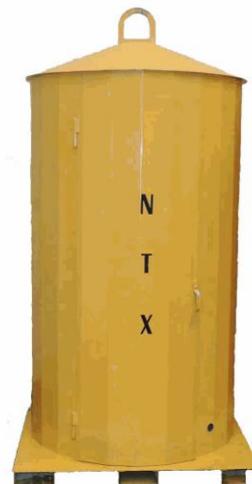
High	191,00 cm
Lenght	198,00 cm
Width	195,00 cm
Weight	500,00 Kg

SEND YOUR INQUIRY

BLASTING SHELTER**Cod. X000178**

Iron blasting shelter for blaster. It host up to 3 people. Provides a sheltered location from where the blaster ignite the blast granting a complete protection from flying rocks. Can be quickly moved simply with a forklift.

High	240,00 cm
Lenght	125,00 cm
Width	125,00 cm
Weight	300,00 Kg

[SEND YOUR INQUIRY](#)**SHOCK TUBE REEL****Cod. X000181**

This is designed for the initiation of shock tube detonators at a safe distance from the blasting site. It comes in reels of 1500 meters. To connect it to the detonator a short piece of soft plastic tube is used. A length of connecting tube follows each reel.

High	37,00 cm
Lenght	29,00 cm
Width	29,00 cm
Weight	9,60 Kg

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BLASTING MACHINE MICKO 1 DUAL

Cod. X00081

MICKO 1 Dual is an electronic blasting machine to ignite both electric detonators or 1 shock tube detonator
 This is a new dual blasting machine managed by a last generation multi-core controller.
 It can ignite up to 4 high intensity electric detonators (max resistance 8 Ohm).
 It comes with a safety rubber case and handbag.



High	5,00 cm
Lenght	17,50 cm
Width	10,00 cm
Weight	0,55 Kg

SEND YOUR INQUIRY

MICKO-2TCO-PGS

Cod. X000186

Remote-controlled blasting machine for shock tube detonators, consisting of:

- Blasting machine body, with double and independent output electrodes for shock tube detonators redundancy
- Remote control unit, wireless, compact, lightweight, reliable, easy to use and intuitive.

The blasting machine and the remote control unit are in permanent bidirectional radio communication.
 To avoid possible interferences, charge and shot commands set by the operator are 256-bit encoded and in "roll-code".
 This configuration makes the blasting machine immune from undesired radio signals or deliberate intrusion.
 To increase safety, system activation is possible only with a supplied RFID smart tag.
 Minimum guaranteed working range is 5 kms.



SEND YOUR INQUIRY

SEISMOGRAPH SM-LS

Cod. X00010

SM is a portable seismic and overpressure in air monitoring station, compact, robust, cheap and reliable.

It comes with 1 external transducer (Recording levels can range from 2x: 254mm/s, 4x 127mm/s, 8x: 63mm/s, other are available under request), external microphone up to 148 dB with 2m cable.

High	15,00 cm
Lenght	36,00 cm
Width	20,00 cm
Weight	2,50 Kg

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EXTENDED CABLE FOR SM TRANSDUCER

Cod. X00021

Extended shielded cable. Length at request.

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SEISMOGRAPH MSG

Cod. X00039

MSG is a portable seismic and overpressure in air monitoring station, compact, robust, cheap and reliable.

It comes with 1 external transducer (Recording levels can range from 2x: 254mm/s, 4x 127mm/s, 8x: 63mm/s, other are available under request), external microphone up to 148 dB with 2m cable.

High	15,00 cm
Lenght	36,00 cm
Width	20,00 cm
Weight	2,50 Kg

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NTX LCC64 COMPLETE DEMOLITION CHARGE

Cod. X000119

Demolition charge NTX LCC64. Its main application is the cut of reinforced concrete, metal sheets or rock. The complete charge consists of "active" uppershell, filled with emulsion or Compound B, copper or aluminum liner and cardboard ADR packaging.

High	35,00 cm
Length	45,00 cm
Width	16,00 cm

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NTX HSC45 COMPLETE DEMOLITION CHARGE

Cod. X000130

Demolition charge NTX HSC45. Its main application are underwater excavations of any type of rock. The complete charge consists of "active" uppershell, filled with Compound B or Pentolite, a 30g Pentolite booster an aluminum liner and cardboard ADR packaging

High	30,00 cm
Length	100,00 cm
Width	30,00 cm

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RENTAL - DEPLOYMENT FRAME**Cod. X000184**

Rental of deployment frame to place the shake charge on the bottom of the water bed. It has a remote controlled system to hook / unhook the demolition charges through an hydraulic pump. Theft and damage coverage is not included.

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SEISMOGRAPH CALIBRATION

Cod. X000146

Calibration of seismic-acoustic monitoring station with release of calibration certificate according to the manufacturer's license Nomis Seismographs Inc. and also White Seismology Inc.

A calibration certification will be provided showing the response at various frequencies. Cables, connectors and components are thoroughly checked and cleaned. The internal battery(s) are tested. Instrument setup parameters are reviewed. Required firmware upgrades are installed.

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CERTIFICATO DI CALIBRAZIONE della STAZIONE DI MONITORAGGIO SISMICO - ACUSTICO con riscontro della RISPOSTA a DIVERSE FREQUENZE come da specifica del costruttore

Calibratore effettuato per:

Stazione di monitoraggio tipo: Numero di serie:

Data di precedente calibrazione:

Componente	Frequenza di prova			
	30 Hz	10 Hz	3 Hz	2 Hz
Componente RADIALE (1 IPS)				
Componente TRASVERSALE (1 IPS)				
Componente VERTICALE (1 IPS)				
Sovrappressione Aerea (0,20 mBar)				

La stazione di monitoraggio è stata calibrata come da procedura "420019 verifica funzionalità STAGIOMETRI 2007-05-11" su ricerca Rapido 12013-10-14 della White Institute Seismology Inc. utilizzando: banca vibratoria LAFORCO, Quindici, Texas, U.S.A. modello DT1 Phase Table System, n. serie 23, la cui accuratezza è stata verificata attraverso la strumentazione del laboratorio NTS sottoposto a calibrazione presso un centro LAT.

Calibro accelerometrico SERIAL & LUAR mod. 4370 & 2636, n. serie 1451999 & 954112, calib. 2013-07-03 (centro LAT 178, registro 515213).

Data di CALIBRAZIONE attuale: Prossima CALIBRAZIONE entro il:

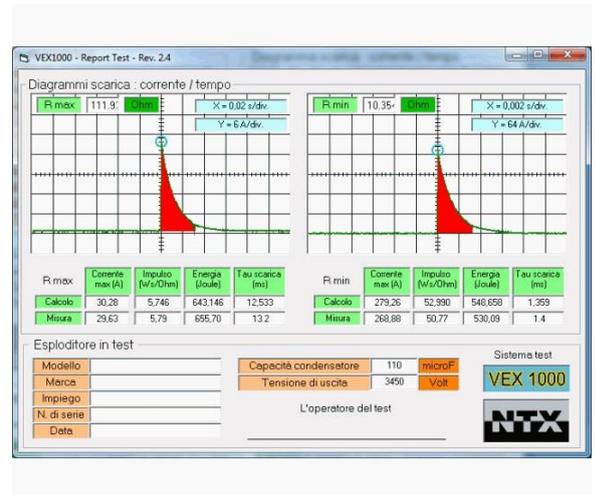
Eseguito da: Controllato da:

DISCHARGE CHECK OF BLASTING MACHINES

Cod. X000148

Discharge check of blasting machines (measurement of condenser capacity, max current, discharge of time, amplitude and energy of impulse) for conformity check with the requirements (calibration chain under quality controls, SIT)

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FUNCTIONAL CHECK OHMMETR

Cod. X000150

Functional check of Ohmmeters. Calibration chain under quality controls, LAT.

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CONTROLLIO PERIODICO DELLA FUNZIONALITÀ dell'OHMMETRO e della RESPONDERANZA AI PARAMETRI DI ETICHETTA

Verifica effettuata per:

Chimetro tipo: Modello: Numero di serie:

Data di precedente CONTROLLO:

La rispondenza ai VALORI DI ETICHETTA è stata eseguita come da procedura "42003 Verifica funzionalità OHMMETRI 2008-10-11" con sistema di carico variabile VEX 1000, programmato da PC verificato con: multmetro AGILENT 34401A, n. serie MY 49020977, calib. 2013-07-30 (centro LAT 019 38471)

Resistenza di prova (Ω)	Tolleranza e rispetto dell'etichetta (%)	Scostamento (%)	Esito controllo (*)

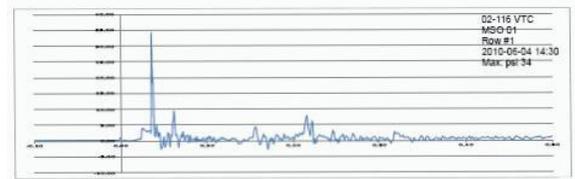
*Tolleranza in %
** rispetto al valore della resistenza di prova
*** rispetto all'incertezza di misura definita dal costruttore

Data di CONTROLLO attuale: Prossimo CONTROLLO entro il:

Eseguito da: Controllato da:

MONITORING OF OVERPRESSURE WAVE IN WATER**Cod. X000183**

The measurement are analyzed to check the safety of the surrounding buildings, and the respect of the specification given by the client/legislation. A report is released.

[SEND YOUR INQUIRY](#)**CONTINUOUS MONITORING OF SEISMIC WAVES AND OVERPRESSURE IN AIR WITH REMOTE ACCESS****Cod. X000127**

It is a continuous monitoring service with remote access via cellular network, for control, comparison and analysis. Data are processed and verified in conformity to current regulations (DIN4150-3 tab1, UNI9600,etc..) and monthly a monitoring report is prepared, reporting the summary of all recordings, a detailed analysis of the most meaningful ones and responce to regulations.

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