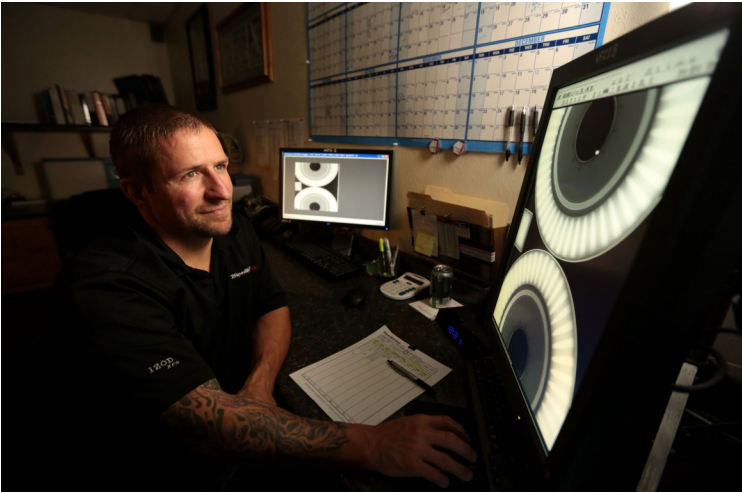# Non-Destructive Testing

Non-destructive testing or NDT is the name given to a number of testing procedures that are typically used to evaluate the properties of materials or components. As the name suggests, no damage is done to the sample as a consequence of the testing procedure, so it can be used as a quality control activity to ensure products/components meet specifications prior to dispatch.

While the number of NDT techniques is many, they can be used to both check the surface and bulk of a sample for defects. These techniques can be used at any stage of a components' life. As mentioned, NDT can be used during manufacture, but it is equally important throughout the service life of a component, where it can be used to assess the integrity or wear status. During service, NDT can be used to predict or prevent premature failure, which can be expensive and catastrophic.

Furthermore, with increasing levels of litigation more responsibility is being placed on manufacturers to warrant their products leading to an increase in demand for NDT systems. **That is why Techno-Aide has launched a NDT category of accessories to meet these high demand needs.**

Applications of NDT

NDT techniques can be used for a range of different applications including:

Quality control

Weld inspection and verification
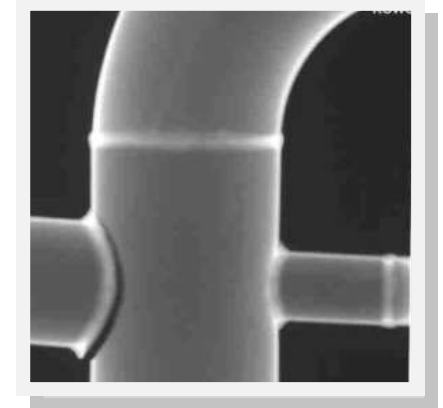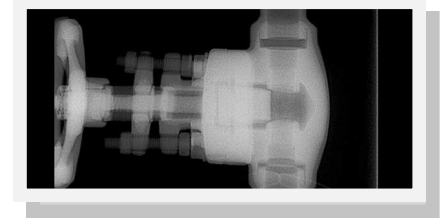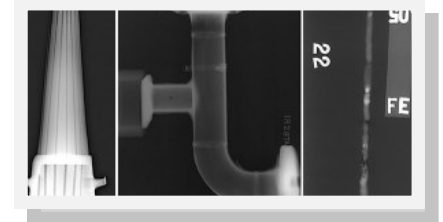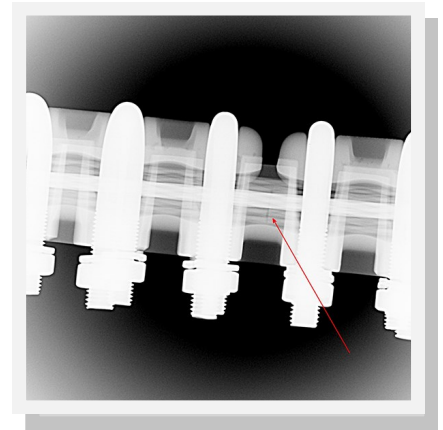
Pipeline testing

Testing aircraft structures

Castings

Bridges

Railways

Aircraft inspection

Asset management/integrity management

techno-aide

Non-Destructive Testing Markers

Clearly Communicate Information on Your Image with clean sharp smooth edges that produce clear well defined images.

Unmounted Lead Characters for your non-destructive imaging needs.

Flat Face Characters	Cat#	Price	R & L A-Z	0-9
3/16"	XTUF-36	.50	X	X
1/4"	XTUF-14	.50	X	X
3/8"	XTUF-38	.50	X	X
1/2"	XTUF-12	.60	X	X
5/8"	XTUF-58	.60	X	X
1"	XTUF-01	1.00	X	X

Deep Block Characters	Cat #	Price	R & L A-Z	0-9
1/4"	XTUB-14	.90	X	X
3/8"	XTUB-38	1.00	X	X
1/2"	XTUB-12	1.00	X	X
3/4"	XTUB-34	1.00	X	X
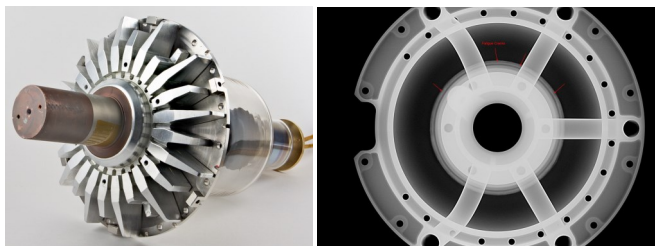
Arrows	Cat #	Price
1/4"	XTUA-14	1.00
1/2"	XTUA-12	.80
1"	XTUA-01	1.00

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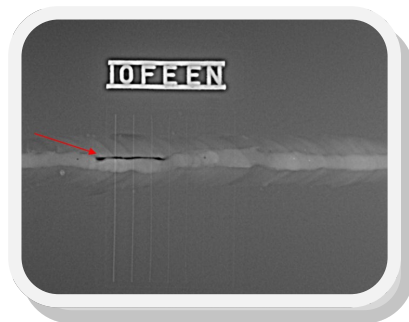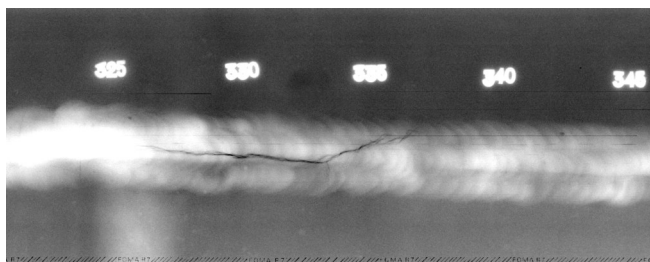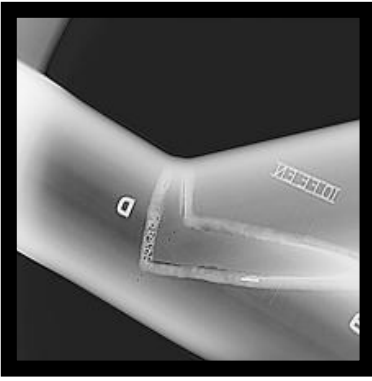
Non-Destructive Testing Markers
Clearly Communicate Information on Your Image.

Lead / Plastic Size	Cat#	Price	Comments
3/16" ON 5/8"	XTSF-3658	.80	Fits Veri-Thin
3/16" ON 3/4"	XTSF-3634	.80	Fits Legal
1/4" ON 5/8"	XTSF-1458	.80	
1/4" ON 3/4"	XTSF-1434	.80	
1/4" ON 7/8"	XTSF-1478	.80	Fits Eclipse & Perfection
1/2" ON 3/4"	XTSF-1234	.80	
3/16" ON 3/4"	XTIF-3658	.80	Fits Ideal

Individual Mounted Lead Characters
**(FLAT FACE)** for all your
non-destructive imaging needs.

"A - Z"

"R & L"

"0 - 9"

Flat Surface Mounted Words (FLAT FACE)

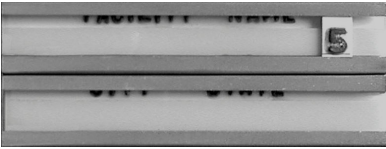|	3/16" ON 3/4"		1/4" ON 3/4"		1/2" ON 3/4"		1" on 1.5"	
	Cat#	Price	Cat#	Price	Cat#	Price	Cat#	Price
Single Letter	XVFW-0136	1.00	XVFW-0114	1.00	XVFW-0112	1.00	XVFW-0101	2.00
2-3 Letters	XVFW-2336	2.00	XVFW-2314	2.00	XVFW-2312	2.00	XVFW-2301	4.00
4-5 Letters	XVFW-4536	4.00	XVFW-4514	4.00	XVFW-4512	4.00	XVFW-4501	7.00
6-7 Letters	XVFW-6736	6.00	XVFW-6714	6.00	XVFW-6712	6.00	XVFW-6701	9.00
8+ Letters	XVFW-8036	7.00	XVFW-8014	7.00	XVFW-8012	7.00	XVFW-8001	11.00

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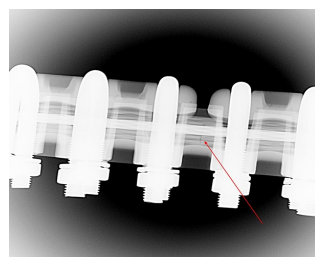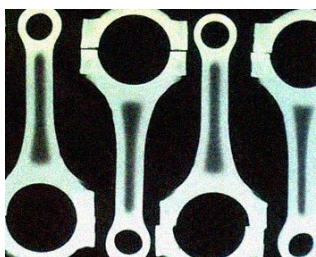
Non-Destructive Testing Markers & Kits

IDEAL CUSHION MARKER: Double channel with cushions: imprint in the upper section of each channel.

KIT includes: 1 holder, 3/16" letters on 5/8" plastic tabs. (2 ea. A-Z) (4 ea. 0-9) (2 ea A,E,I,O,U) and a 36 letter case.
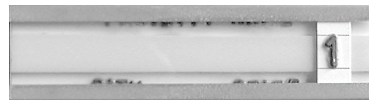
XSIC-21	$55	Marker
XSIC-22	$150	Kit

LEGAL MARKER: Double aluminum channels with imprint between the two channels.

KIT includes: 1 holder, 3/16" letters on 3/4" plastic tabs. (2 ea. A-Z) (4 ea. 0-9) (2 ea A,E,I,O,U) and a 36 letter case.

XSLG-21	$50	Holder
XSLG-22	$130	Kit

PERFECTION MARKER: Single aluminum channel: imprint above and below the channel.

KIT includes: 1 holder, 1/4" letters on 7/8" plastic tabs. (2 ea. R & L) (4 ea. 0-9) and a 36 letter case.
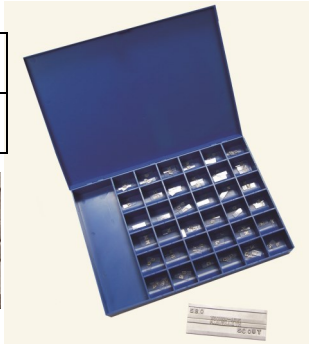
XSPF-11	$40	Holder
XSPF-12	$100	Kit

ECLIPSE CUSHION MARKER: Single channel with cushion: imprint above and below the centerline.

KIT includes: 1 holder, 1/4" letters on 7/8" plastic tabs. (2 ea. R & L) (4 ea. 0-9) and a 36 letter case.

XSEC-11	$49	Holder
XSEC-12	$100	Kit

VERI-THIN LEGAL MARKER: Double aluminum channels: imprint down and in between the two channels.

KIT includes: 1 holder, 3/16" letters on 5/8" plastic tabs. (2 ea. R & L) (4 ea. 0-9) (2 ea A,E,I,O,U) and a 36 letter

XSVL-21	$50	Holder
XSVL-22	$130	Kit

Case Only

XS:C-36 $44

Non-Destructive Testing Accessories

Envelopes:

JNL-OEK	14.5" x 17.5"
JNM-OEK	10.5" x 12.5"
JNS-OEK	8.5" x 10.5"

Mailers:

JML-SBC	15" x 18"
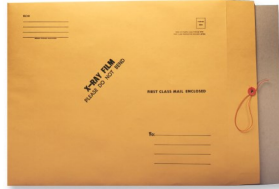
4" Magnifying Glass with 2X magnification

MAG-04

Shelving:

618A	36 x 18 x 84
634XST	36 x 18 x 68
633XST	36 x 18 x 52
632XST	36 x 18 x 36
631XST	36 x 18 x 20

Carts also available!

Shielding Blankets

OMR-S	18" x 18"
OMR-M	24" x 24"
OMR-L	24" x 36"
OMR-XL	24" X 48"

Custom sizes available!

Lead Blockers
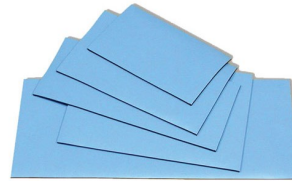
FLB-58	5" x 8"
FLB-52	5" x 12"
FLB-61	6" x 10"
FLB-71	7" x 11"
FLB-77	7" x 17"
FLS-78	Set of 5

Lead Gloves

HGP	Pair
HGR	Right only
HGL	Left only

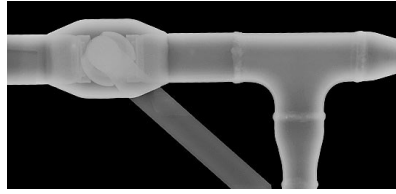techno**aide**

Non-Destructive Testing Accessories

Warning Signs: 4" x 10" with double faced tape to attach to the back for easy mounting.

CAUTION X-RAY IN USE		**CUIDADO** RAYOS-X EN USO		**X-RAY ROOM**	
CXR-13ER	$13	CXR-13SR	$13	XRR-19R	$13

CAUTION RADIATION AREA		**CUIDADO** AREA DE RADIACION	
CRA-17	$13	CRA-18	$13

Warning Signs: 8" x 10" with double faced tape to attach to the back for easy mounting.

CAUTION RADIATION		**CUIDADO** RADIACION	
CXR-13ER	$13	CXR-13SR	$13

Illuminator:

VBS-10	General 1 bank
VBD-20	General 2 bank
VVS-11	Ultra-Slim Techno-Vision
VVD-21	Ultra-Slim Techno-Vision

Standard Film Bin

Small Film Bin

SFB-85	$575

MFB-75	$425

Illuminated "In Use" Signs: Not a plug in. Must be hardwired

SLU-XR	$169

SLU-CT	$169

Safe-Light

SSP-15	$179

Intensi-Light

SSL-16	$430

ID Printer
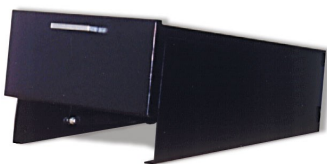
IDP-33	$315

Standard ID Cards: 1000 cards
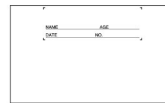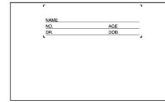
IDS-02M	$46	3" x 5"
IDS-03M	$46	3" x 5"
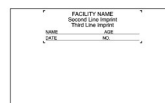
Custom Printed ID Cards: 1000 cards

IDC-32M	$55	3" x 5"
IDC-23C	$55	3" x 5"
IDC-22D	$63	3" x 5"
IDC-22Q	$65	3.25" x 7.1875"
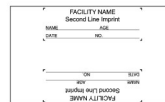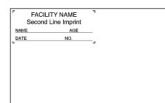
(for GE & Kodak Printers)

Techno Aide

Non-Destructive Testing Accessories

Most Everyone Benefits from the Application of NDT; Yet Hardly Anyone Knows What It Is!

Nondestructive testing is one of the best kept secrets around. Seems almost no one knows what it is, yet almost everyone is impacted one way or another by NDT. All sorts of industries use this type of inspection to help insure that processes run smoothly and safely and products are manufactured with a high degree of integrity. Some of the industries that profit from NDT are the Oil and Gas Industry, Power Generation, Aviation and Aeronautics, the Auto Industry including Racing, Maritime Construction, all branches of the Military and Construction of all types.

Techno-Aide is proud to manufacture the Imaging Accessories that are necessary for this Application.

If there is a product that you need that is not shown in this pamphlet, please let us know