



CERTIFIED METAL DETECTOR AND XRAY TEST PIECES

CERTIFIED METAL DETECTOR AND XRAY TEST PIECES

A world map with a blue background and white landmasses. Seven callout boxes with red borders and white text are positioned over different regions of the world. The boxes contain the following text: '2 MILLION BALLS IN STOCK FROM SIZES 0.25MM TO 45.0MM' (North America), 'COLOUR CODED TEST PIECES FOR EASY VERIFICATION' (Europe), 'FDA APPROVED TEST PIECES' (Africa), 'HACCP REQUIREMENTS' (Asia), 'TEST PIECES FOR EVERY APPLICATION' (Australia), 'INTERNATIONALLY RECOGNISED' (South America), and 'CERTIFIED CONTAMINANTS MANUFACTURED TO STANDARD ISO3290 INTERNATIONAL' (bottom center).

**2 MILLION BALLS IN STOCK FROM
SIZES 0.25MM TO 45.0MM**

**COLOUR CODED TEST PIECES
FOR EASY VERIFICATION**

FDA APPROVED TEST PIECES

HACCP REQUIREMENTS

**TEST PIECES FOR
EVERY APPLICATION**

INTERNATIONALLY RECOGNISED

CERTIFIED CONTAMINANTS MANUFACTURED TO STANDARD ISO3290 INTERNATIONAL

CONTAMINANTS AVAILABLE

- CHROME – FERROUS
- TITANIUM
- BRASS – NON FERROUS
- PH BRONZE
- STAINLESS STEEL 316
- STAINLESS STEEL WIRE 316
- STAINLESS STEEL 304
- STAINLESS STEEL 420
- STAINLESS STEEL 440C
- COPPER WIRE
- ALUMINIUM
- CERAMIC
- GLASS – SODA LIME
- GLASS – BOROSILICATE (BLACK)
- GLASS – CRYSTAL
- PTFE Teflon
- NYLON GRADE 1
- RUBBER NITRILE
- TITANIUM
- ZIRCONIA
- MORE MATERIALS
AVAILABLE ON REQUEST

At Mediumz Ltd, we are striving to become the world leader in supplying Quality Inspection Test Pieces.



Mediumz Ltd has over 30 years experience in the manufacture of Metal Detector Test Pieces and X-ray Test Cards, our speciality in this field has been recognised consistently as an industry standard and now our Test pieces are used in over 55 countries worldwide. Our staff are technically trained and we also endeavour to provide on-time customer service at competitive prices.

We at **Mediumz Ltd** offer a wide range of services, provide a broad selection of Inspection Test Pieces and utilize the latest in state-of-the-art technology for the best possible results in the finished product.



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BRANDING

A brand can take many forms, including a name, sign, symbol, colour combination or PRODUCT. The word branding began simply as a way to tell one person's cattle from another by means of a hot iron stamp. The word brand has continued to evolve to encompass identity - it affects the personality of a **product, company or service**.

Since Mediumz Ltd established in 2004 we have compiled an itinerary to guide the business in becoming the most effective solution for the continuous supply and demand of trade customers, we have devoted our name to become anonymous in the test piece industry.

100% of our Metal Detector and X-ray test pieces leave our production facility with bespoke company branding. FACT!!

THIS SERVICE IS FREE TO ALL OUR CUSTOMERS.

Using Mediumz Ltd Certified Test Pieces you will be showing your commitment to a Quality Control Management System.





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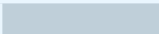
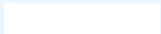
TEST WAND

OUR MOST COMMON TEST PIECE.

Test Wands are made from food safe plastic and come in a variety of colours, our standard size of 100mm x 12mm x 10mm is very popular and we can manufacture wands from 50mm to 1000mm lengths.

Normally used on conveyor metal detector applications.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	






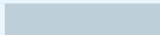
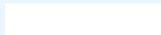
All are colour coded in relation to the contaminant.



TEST WAND LARGE TEST

Large Test Wands are made from food safe plastic and come in our standard colours, our standard size is 100mm and come in thicknesses of 20mm & 30mm.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	

All are colour coded in relation to the contaminant.








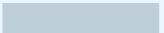
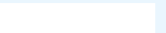



Please see **PRICE LIST PAGE 1 - 8** for prices, product codes and for more information

TEST DISCS

Test Discs are made from food safe plastic and come in our standard colours, our sizes vary from Ø 10mm to Ø 50 and come in thicknesses of 5mm to 30mm.

Normally used on package or bulk flow product metal detector applications.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	
			
PVC RED	PVC GREY	PVC BLACK	

All are colour coded in relation to the contaminant.







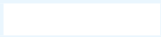


TEST CARDS

Test Cards are made from food safe plastic and come in a variety of colours, our standard size is 80mm x 40mm and come in thicknesses of 5mm, 10mm and 20mm.

Normally used on bagged or bulk product metal detector applications.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	

All are colour coded in relation to the contaminant.







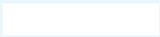


TEST FOBS

Test Fobs are made from food safe plastic and come in a variety of colours, our standard size is 50mm x 30mm and come in thicknesses of 5mm, 10mm and 20mm.

Normally used on packaged product metal detector applications.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	

All are colour coded in relation to the contaminant.






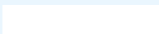


TEST CUBES

Test Cubes are made from food safe plastic and come in a variety of colours, our standard size is 20mm x 20mm x 20mm and 30mm x 30mm x 30mm.

Normally used on bulk flow product metal detector applications.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	CLEAR		

All are colour coded in relation to the contaminant.



Please see **PRICE LIST PAGE 33 - 40** for prices, product codes and for more information

TEST BALLS

Test Balls are made from food safe plastic and come in a variety of colours, various sizes available.

CLEAR ACRYLIC - 20mm 25mm 30mm 35mm 50mm

ACETAL WHITE - 20mm 30mm 35mm

ACETAL BLUE - 35mm 50mm

PVC-RED GREY BLACK - 30mm

Normally used on free-fall gravity metal detector applications.

COLOURS AVAILABLE

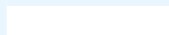


PVC RED

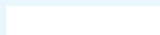
PVC GREY

PVC BLACK

ACETAL BLUE



SOLID WHITE



CLEAR

All are colour coded in relation to the contaminant.



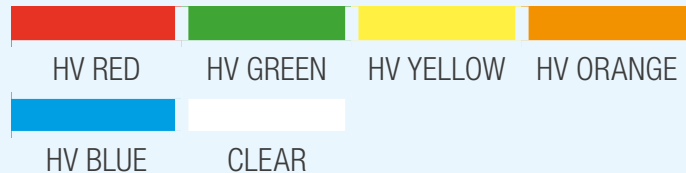
TEST TABLETS

Test Tablets are made from food safe plastic and come in a variety of colours.

Our standard size is 23mm x 10mm x 5mm.

Normally used on pharmaceutical product metal detector applications.

COLOURS AVAILABLE



All are colour coded in relation to the contaminant.








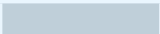
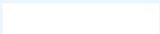
Please see **PRICE LIST PAGE 49 -56** for prices, product codes and for more information

TEST SLEEVES

Test Sleeves are made from food safe plastic and come in a variety of colours. These can be manufactured to any size.

Normally used in conjunction with product trays to create a secure test piece.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	

All are colour coded in relation to the contaminant.



PLEASE CONTACT US FOR MORE INFORMATION

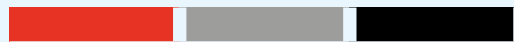
TEST TORPEDO

Test Torpedos are made from PVC and come in limited colours.

Our standard size is Ø 25mm x 50mm Length.

Normally used on FREE-FALL gravity products for metal detector applications.

COLOURS AVAILABLE



RED

GREY

BLACK

All are colour coded in relation to the contaminant.



Please see **PRICE LIST PAGE 57 - 64** for prices, product codes and for more information

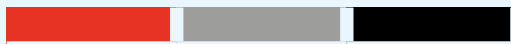
TEST PADDLES

Test Paddles are made from PVC and come in limited colours.

Our standard size is Ø 15mm x 140mm Length.

Normally used on bottles or jars for product metal detector applications.

COLOURS AVAILABLE



RED

GREY

BLACK

All are colour coded in relation to the contaminant.






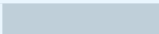
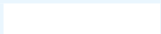


FLEXI TEST WANDS

Flexi Test Wands are made from food safe plastic (Handle) and Nylon Hosing, the handle comes in a variety of colours. Handle size is 100mm with hosing Length 500mm.

Normally used on pipeline pump metal detector applications.

COLOURS AVAILABLE

			
HV RED	HV GREEN	HV YELLOW	HV ORANGE
			
HV BLUE	SMOKED GREY	CLEAR	

All are colour coded in relation to the contaminant.



Please see **PRICE LIST PAGE 73 - 80** for prices, product codes and for more information

FLEXI RODS

Flexi Rods are made from Nylon Hosing and come in Lengths of 300mm. Other Lengths available on request.



XL TEST WANDS - NUT BOLT TEST

Legislation has now introduced a Good Manufacturing Practice requirement for most leading supermarket retailers to include this test to their food product suppliers.

The use of a 19.0mm and 20.00mm Certified and Traceable Test Balls/Spheres provides a consistent test without the possibility of orientation effect that may be possible with non spherical large metal pieces.

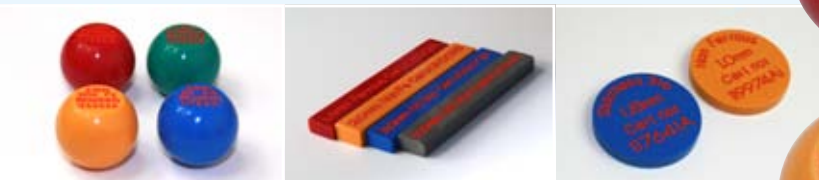


Please see **PRICE LIST PAGES 1-3, 9-11, 41-43 & 89 - 91** for prices, product codes and for more information

FDA TEST RANGE

Some companies claim their test pieces are FDA approved but if you looked closely some are food safe, some colours are FDA (usually white or blue) but others are not when the pigment is changed in manufacture it forfeits its FDA approval.

**We are proud to announce fully certified coloured
FDA Test pieces for Metal Detectors**

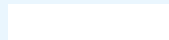


PTFE TEST WANDS

PTFE Test Wands are made from FDA approved material and only comes in white with colour coded lettering, our standard size of 100mm x 12mm x 10mm is very popular and can be manufactured from 50mm to 1000mm lengths.

Normally used on conveyor metal detector applications.

COLOURS AVAILABLE



WHITE



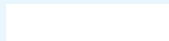
Please see **PRICE LIST PAGE 89 - 93** for prices, product codes and for more information

PTFE TEST WANDS LARGE

PTFE Test Wands Large are made from FDA approved material and only comes in white with colour coded lettering, our standard size of 100mm x 20mm x 20mm is very popular and can be manufactured from 50mm to 1000mm lengths.

Normally used on conveyor metal detector applications.

COLOURS AVAILABLE



WHITE

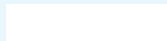


PTFE TEST DISKS

PTFE Test Disks are made from FDA approved material and only comes in white with colour coded lettering, our sizes vary from Ø 10mm to Ø 50mm and available in thicknesses from 5mm.

Normally used on package or bulk flow product metal detector applications.

COLOURS AVAILABLE



WHITE



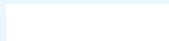
Please see **PRICE LIST PAGE 94 - 98** for prices, product codes and for more information

PTFE TEST CARDS

PTFE Test Cards are made from FDA approved material and only comes in white with colour coded lettering. Our standard size is 80mm x 40mm and available in thicknesses of 5mm, 10mm and 20mm.

Normally used on bagged or bulk product metal detector applications.

COLOURS AVAILABLE



WHITE



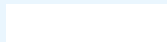
PTFE FLEXI TEST WANDS

PTFE Flexi Test Wands are made from FDA approved material and only comes in white with colour coded lettering.

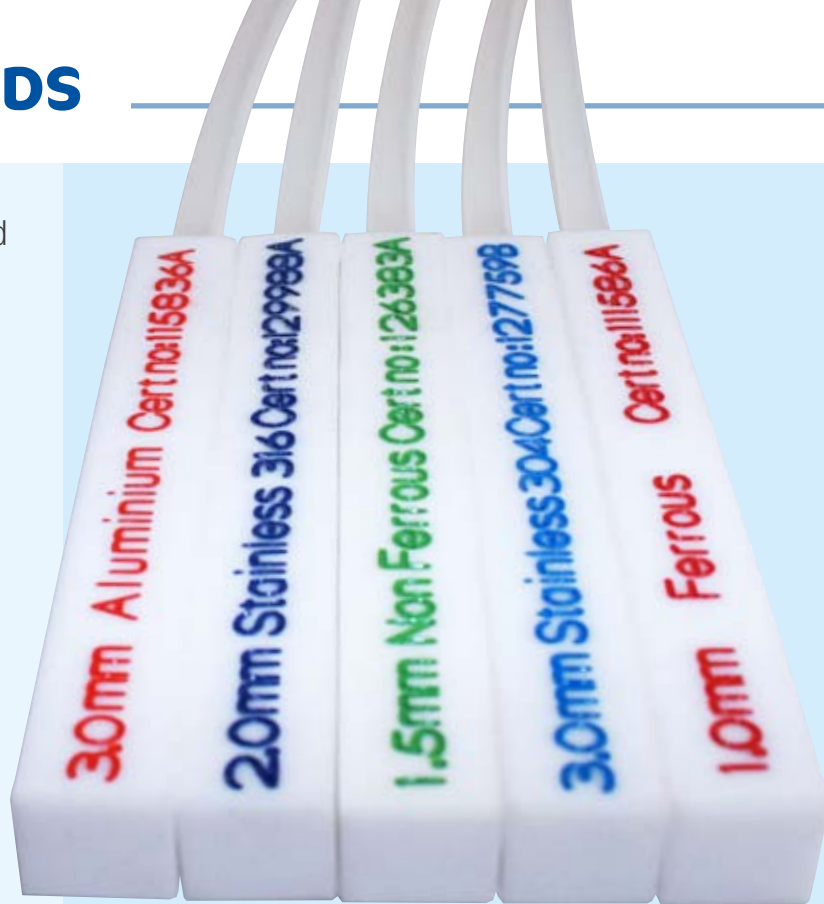
Handle size is 100mm with hosing Length 500mm.

Normally used on pipeline pump metal detector applications.

COLOURS AVAILABLE



WHITE



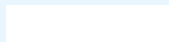
Please see **PRICE LIST PAGE 104 - 108** for prices, product codes and for more information

PTFE SEMI FLEXIBLE WANDS

PTFE Flexi Test Wands are made from FDA approved material and only comes in white with colour coded lettering.

Standard size of 300mm x 12mm x 3mm.

COLOURS AVAILABLE



WHITE



PTFE TEST CUBES

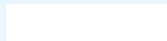
PTFE Test Cubes are made from FDA approved material and only comes in white with colour coded lettering.

Our standard size is 20mm x 20mm x 20mm and 30mm x 30mm x 30mm.

Normally used on bulk flow product metal detector applications.



COLOURS AVAILABLE



WHITE

Please see **PRICE LIST PAGE 111 - 115** for prices, product codes and for more information

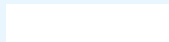
PTFE BAG BUSTERS

PTFE Bag Busters are made from FDA approved material and only comes in white with colour coded lettering.

Our standard size is 150mm x 12mm x 10mm.

Normally used when the contaminate need to be tested from inside the product.

COLOURS AVAILABLE



WHITE



PTFE T-BARS

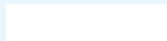
PTFE T Bars are made from FDA approved material and only comes in white with colour coded lettering.

Our standard size is (L) 150mm x (W) 100mm x 10mm.

Normally used on bottles or jars for product metal detector applications.



COLOURS AVAILABLE



WHITE

Please see **PRICE LIST PAGE 121 -125** for prices, product codes and for more information

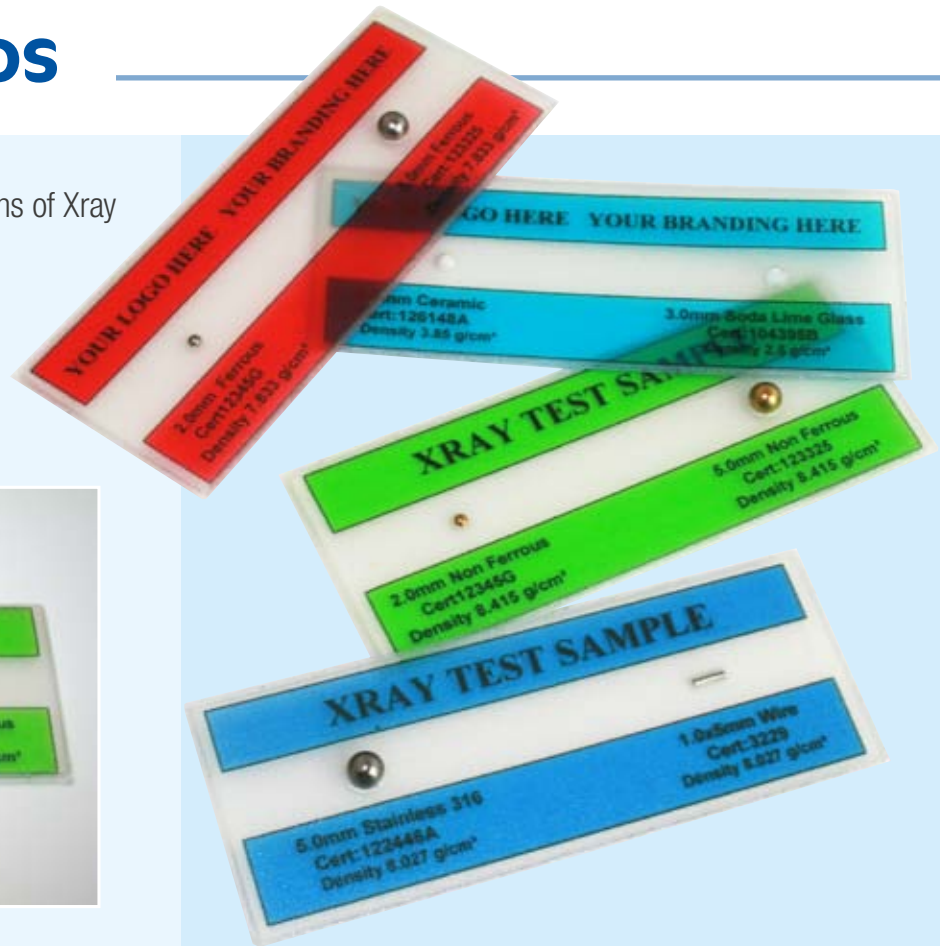
SINGLE XRAY CARDS

Industrial X-ray inspection systems are used to inspect in-process or finished products to check for foreign body contamination. The X-ray systems operate on density and therefore conventional plastic test samples manufactured for metal detectors are not suitable.



XRAY 2 BALL CARDS

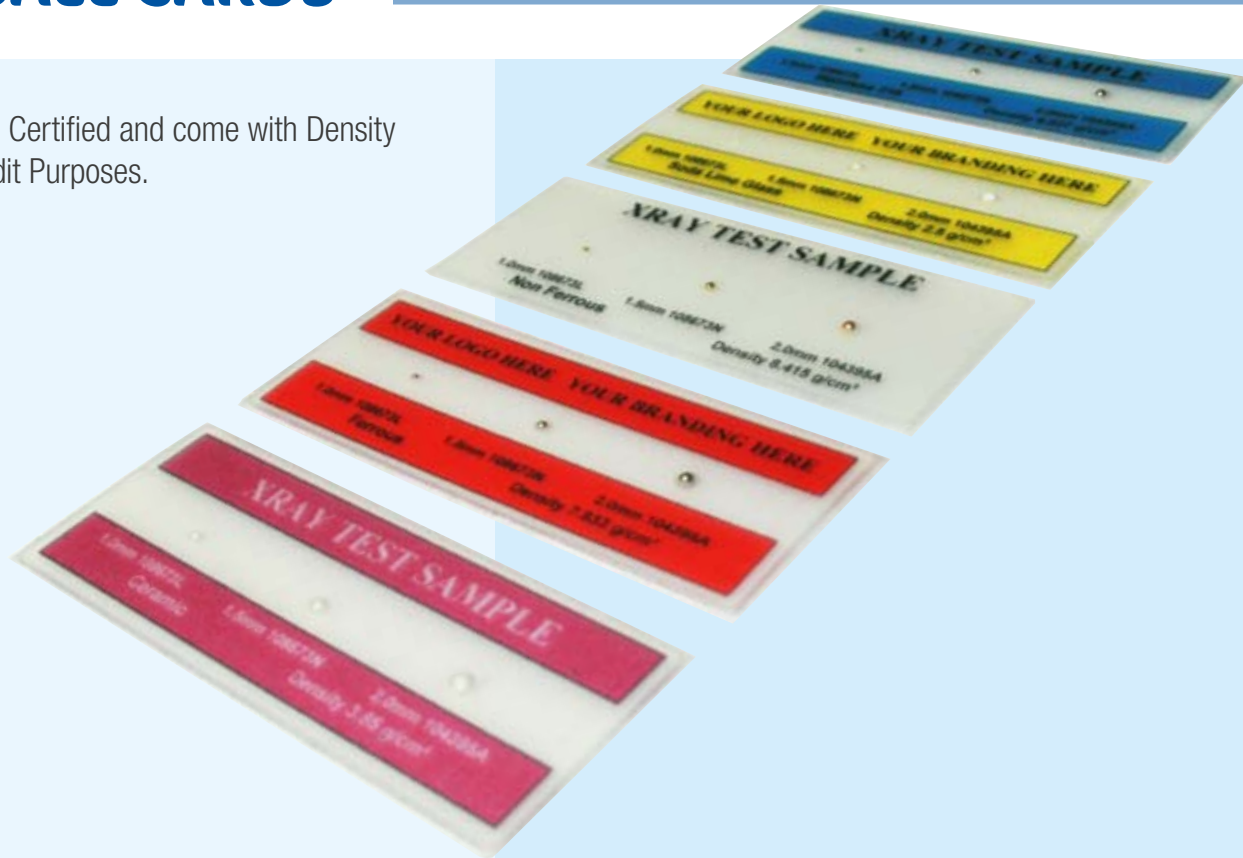
We can manufacture any type of combinations of Xray Cards.



Please see **XRAY PRICE LIST** for prices, product codes and for more information

XRAY 3 BALL CARDS

All our Xray cards are Certified and come with Density information for all Audit Purposes.



XRAY 4 BALL CARDS

Standard size card 96mm x 38mm x 0.75mm other sizes available on request.



Please see **XRAY PRICE LIST** for prices, product codes and for more information

XRAY 5 BALL CARDS

We can supply Zirconia in various sizes which is a good Bone Substitute.



XRAY 6 BALL CARDS

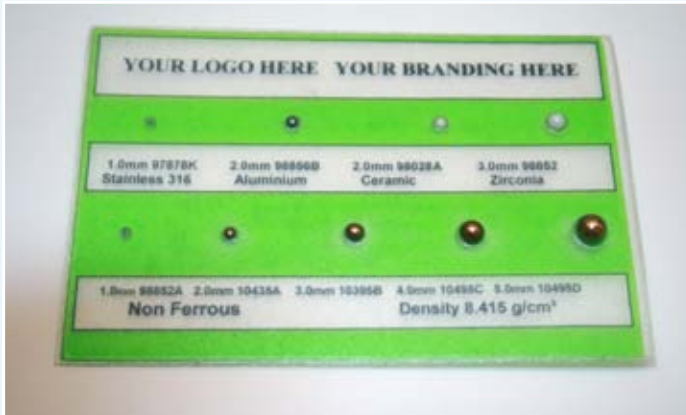
All our contaminants are manufactured to ISO 3290 International and come with certificates of conformity showing all density values.



Please see **XRAY PRICE LIST** for prices, product codes and for more information

XRAY CUSTOM CARDS

Special bespoke cards can be made on request.



PLEASE CONTACT US FOR MORE INFORMATION

METAL DETECTOR AND XRAY ENGINEER KITS

Our **Metal Detector and X-ray kits** come in a handy lightweight carry-case available in a number of colours with foam linings cut to size to secure the test pieces, also we include a memory stick which holds all the certification of each test piece in the kit.

All Kits are bespoke and manufactured to your specifications.



PLEASE CONTACT US FOR MORE INFORMATION

CHECK WEIGHT TEST PIECES

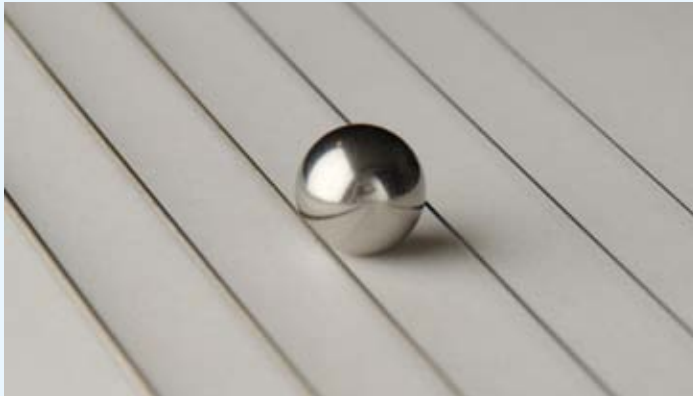
Our range of **PTFE Test Weights** are made from the highest quality FDA material. We have individual weights, Test Weight Kits and can make custom Test Weight pieces.



TEST SPHERES

All our balls are manufactured to ISO 3290 Standard using Materials supplied from ISO9001;2008/Din Standard Quality Assured Suppliers.

Certified miniature balls are used in the production of our Metal Detector and X-ray Test Pieces and may also be purchased separately.



PLEASE CONTACT US FOR MORE INFORMATION

