

**CERTIFIED METAL DETECTOR AND XRAY TEST PIECES**

# CERTIFIED METAL DETECTOR AND XRAY TEST PIECES



## 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.





# CONTENTS

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TEST WAND	2	PTFE DISCS	19
TEST WAND LARGE TEST	3	PTFE CARDS	20
TEST DISCS	4	PTFE FLEXI WAND	21
TEST CARD	5	PTFE SEMI FLEXIBLE WANDS	22
TEST FOB	6	PTFE CUBES	23
TEST CUBE	7	PTFE BAG BUSTERS	24
TEST BALL	8	PTFE 'T' BARS	25
TEST TABLETS	9	XRAY SINGLE CARDS	26
TEST SLEEVES	10	XRAY 2 BALL CARDS	27
TEST TORPEDO	11	XRAY 3 BALL CARDS	28
TEST PADDLES	12	XRAY 4 BALL CARDS	29
FLEXI TEST WANDS	13	XRAY 5 BALL CARDS	30
FLEXI ROD	14	XRAY 6 BALL CARDS	31
NUT AND BOLT TEST	15	XRAY CUSTOM CARDS	32
FDA TEST RANGE	16	METAL DETECTOR AND XRAY ENGINEER KITS	33
PTFE WANDS	17	CHECK WEIGHT TEST PIECES	34
PTFE WANDS LARGE	18	TEST SPHERES	35

# TEST WAND

## OUR MOST COMMON TEST PIECE.

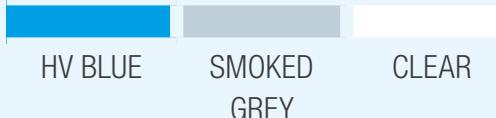
**Test Wands** are made from food safe plastic and come in a variety of colours, our standard size of 100mm x 12mm x 10mm is very popular and we can manufacture wands from 50mm to 1000mm lengths.

Normally used on conveyor metal detector applications.

## COLOURS AVAILABLE



HV RED      HV GREEN      HV YELLOW      HV ORANGE



All are colour coded in relation to the contaminant.



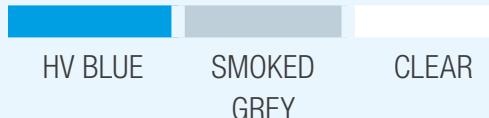
# TEST WAND LARGE TEST

**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.



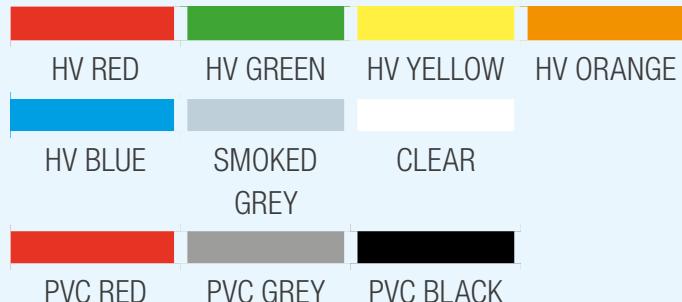
Please see **PRICE LIST PAGE 1 - 8** for prices, product codes and for more information

# 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



All are colour coded in relation to the contaminant.



# TEST CARDS

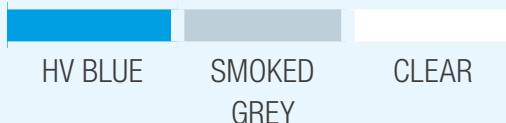
**Test Cards** are made from food safe plastic and come in a variety of colours, our standard size is 80mm x 40mm and come in thicknesses of 5mm, 10mm and 20mm.

Normally used on bagged or bulk product metal detector applications.

## COLOURS AVAILABLE



HV RED      HV GREEN      HV YELLOW      HV ORANGE



All are colour coded in relation to the contaminant.

Please see **PRICE LIST PAGE 17-24** for prices, product codes and for more information

# 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.

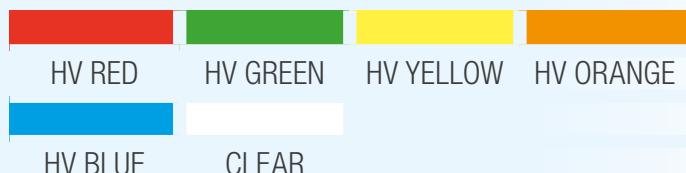


# TEST CUBES

**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



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



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



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 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.

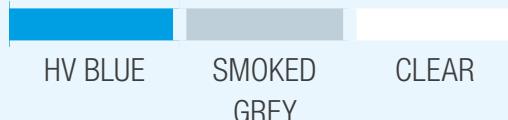
Normally used in conjunction with product trays to create a secure test piece.



## 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**

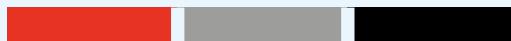
# TEST TORPEDO

**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

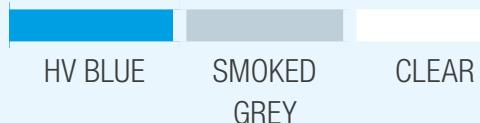
**Flexi Test Wands** are made from food safe plastic (Handle) and Nylon Hosing, the handle comes in a variety of colours. Handle size is 100mm with hosing Length 500mm.

Normally used on pipeline pump metal detector applications.

## COLOURS AVAILABLE



HV RED      HV GREEN      HV YELLOW      HV ORANGE



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

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**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



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

# 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

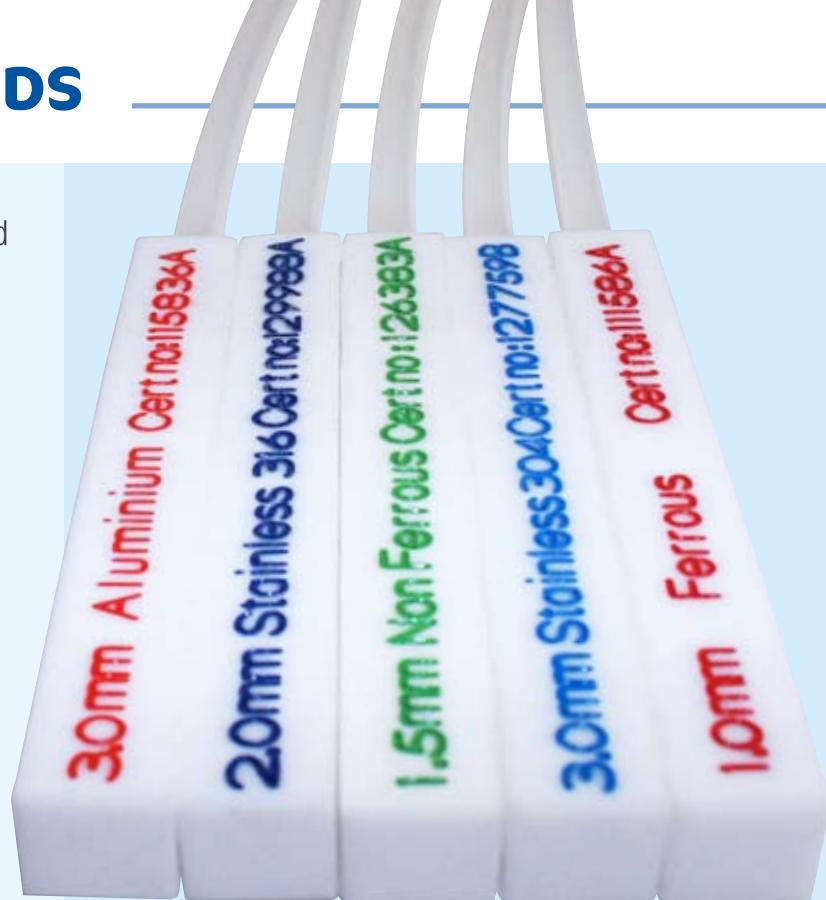


# PTFE FLEXI TEST WANDS

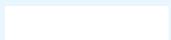
**PTFE Flexi Test Wands** are made from FDA approved material and only comes in white with colour coded lettering.

Handle size is 100mm with hosing Length 500mm.

Normally used on pipeline pump metal detector applications.



## COLOURS AVAILABLE



WHITE

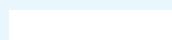
Please see **PRICE LIST PAGE 104 - 108** for prices, product codes and for more information

# 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



Please see **PRICE LIST PAGE 109 - 110** for prices, product codes and for more information

# PTFE TEST CUBES

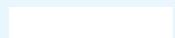
**PTFE Test Cubes** are made from FDA approved material and only comes in white with colour coded lettering.

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

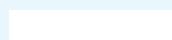
# PTFE BAG BUSTERS

**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 contaminant need to be tested from inside the product.

## COLOURS AVAILABLE



WHITE



# PTFE T-BARS

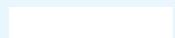
**PTFE T Bars** are made from FDA approved material and only comes in white with colour coded lettering.

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

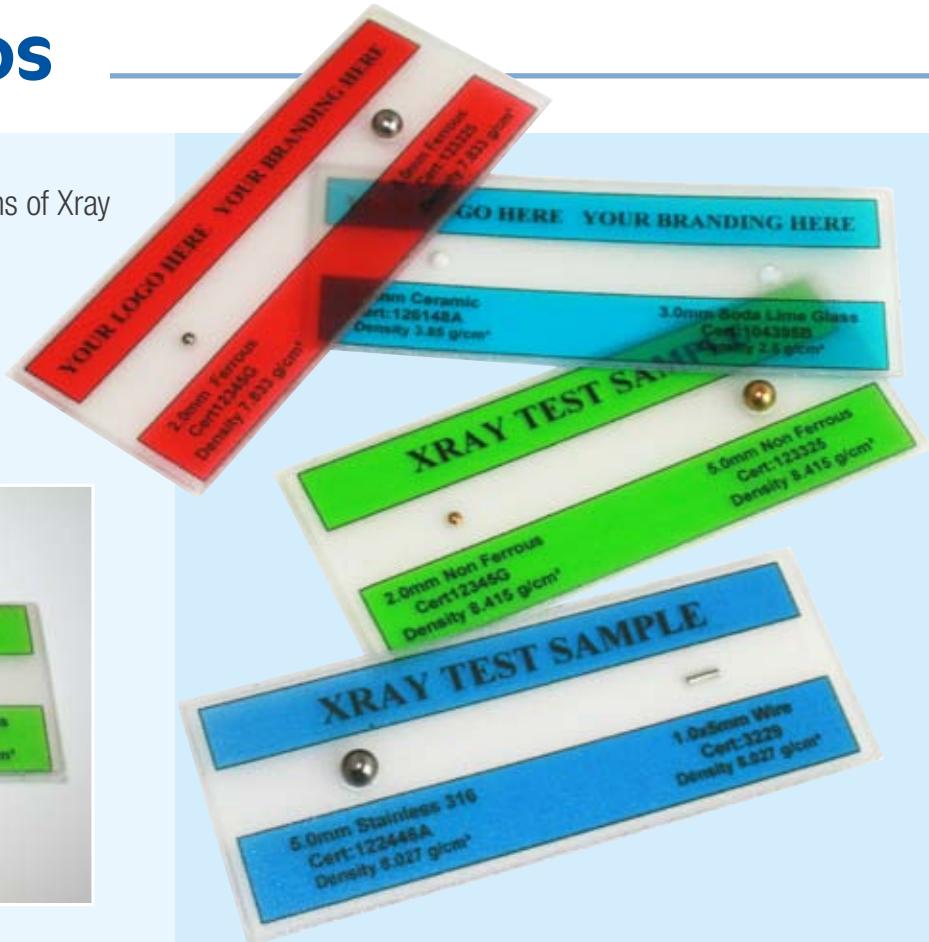
# SINGLE XRAY CARDS

**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

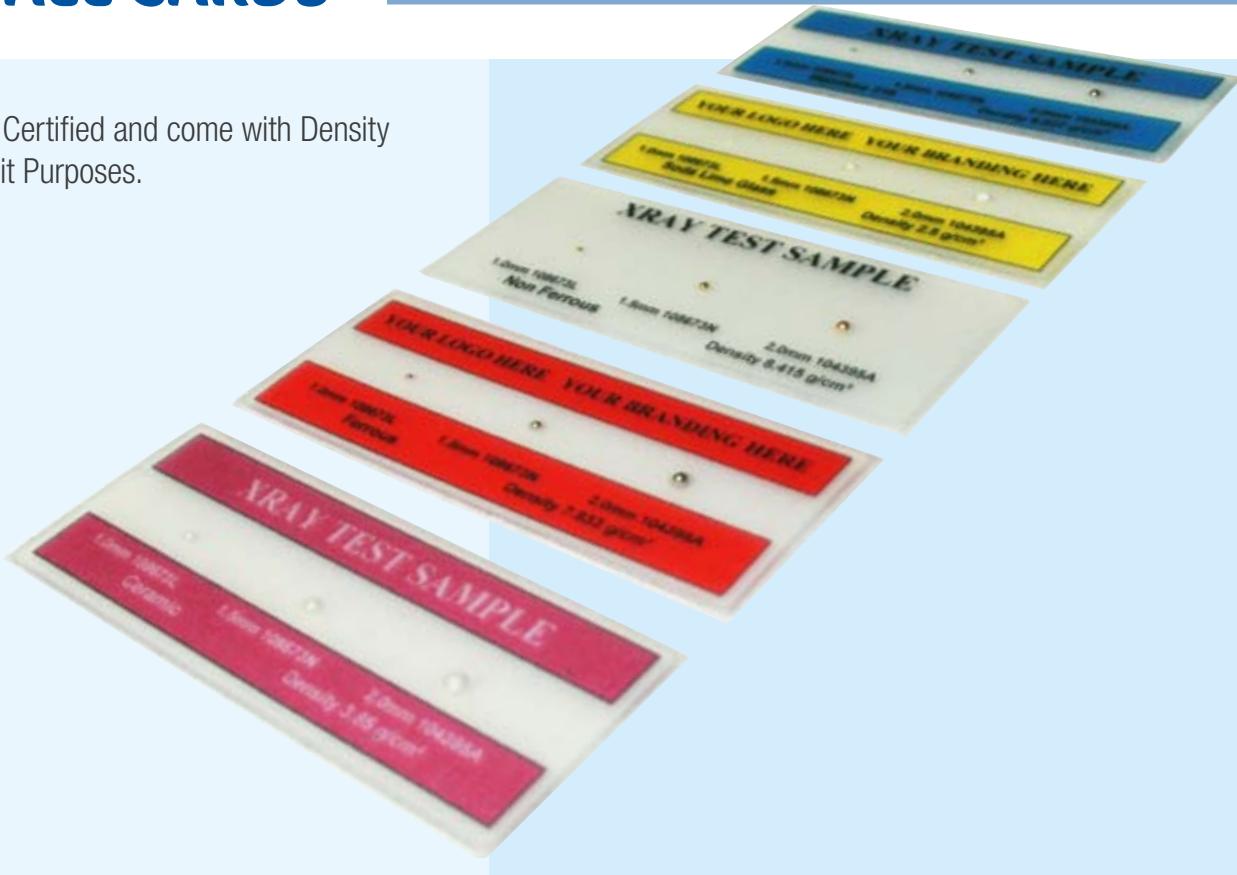
We can manufacture any type of combinations of Xray Cards.



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

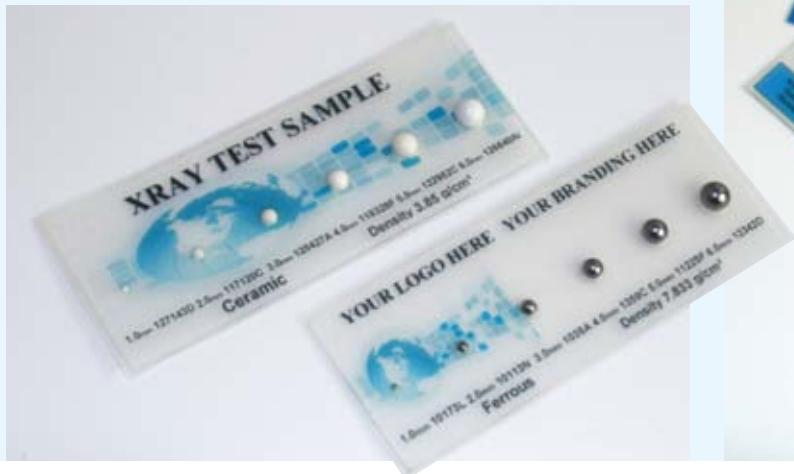
# XRAY 5 BALL CARDS

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



# XRAY 6 BALL CARDS

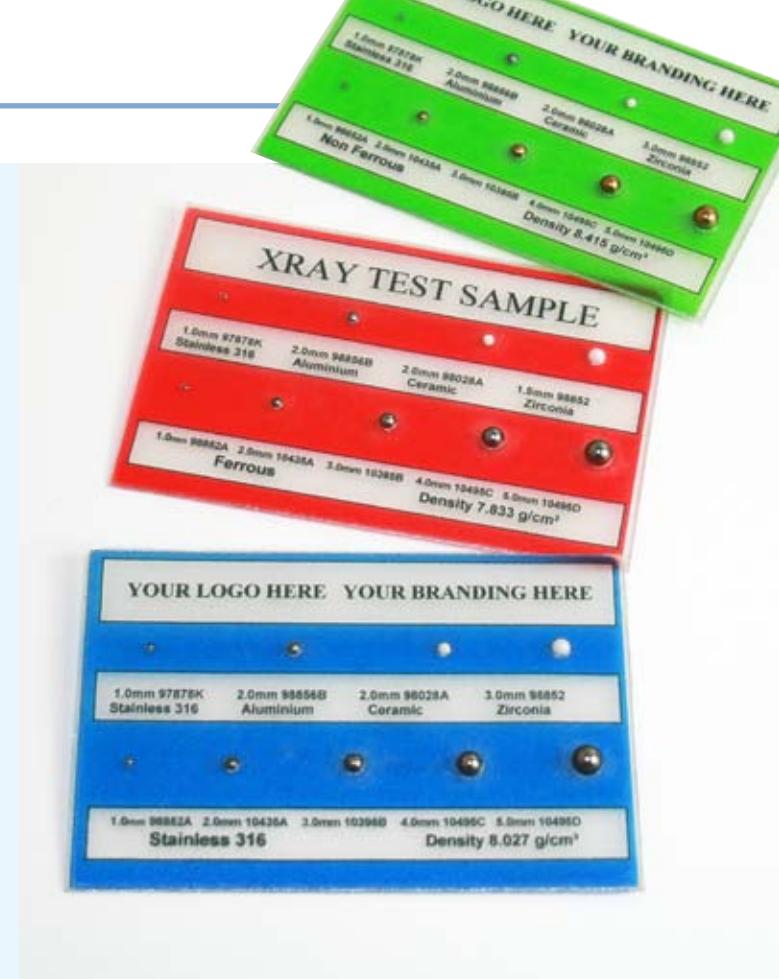
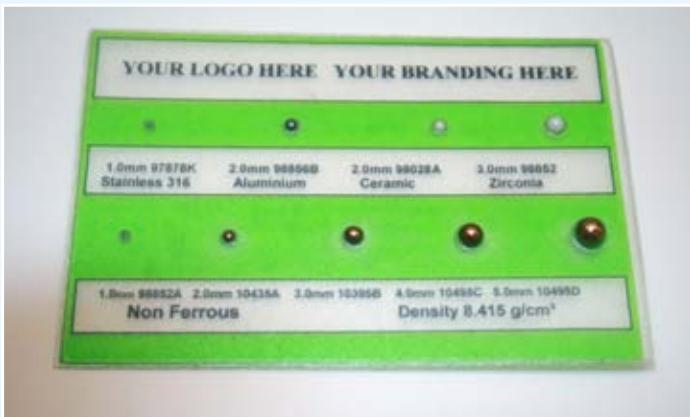
All our contaminants are manufactured to ISO 3290 International and come with certificates of conformity showing all density values.



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.



Please see **PRICE LIST PAGE 141** for prices, product codes and for more information

# TEST SPHERES

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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

