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## FLIR ERUPTS IN NDT



ICON - FLIR



CLICK HERE TO WATCH A DEMO OF THE PHOENIX BRACELET WELD SCANNER.

### NEW RANGE FROM FLIR SYSTEMS AUSTRALIA



**i3**

- Affordable
- Entry-level model
- High Accuracy
- Quick Report software
- 60 x 60 Res. (3,600 pixels)

**i5**

- Higher resolution
- 80 x 80 Res. (6,400 pixels)

**i7**

- Higher resolution
- 120 x 120 Res. (14,400 pixels)



**COMING SOON...MARCH RELEASE!**

**e40**

- 90mm Touch Screen
- -20 - 650°C Range
- FLIRViewer App (+ Wi-Fi)
- 160 x 120 Res. (19,200 pixels)

**e50**

- Picture in picture (scalable)
- 4X zoom
- Thermal fusion
- 240 x 180 Res. (43,200 pixels)

**e60**

- Superior Spatial Resolution
- 320 x 240 Res. (76,800 pixels)

# TOP 6 TOOLS & TOYS

## THE EAGLE SOARS!



Spectroline's EagleEye™ EK-3000 UV-A Headlamp Kit soars as it becomes a big favourite with Mining; NDT, Forging and Engineering companies, ordering multiple units. Ultimate hands-free operation with UVA intensity >1,300µW/cm<sup>2</sup> at 70cm.

[MORE INFO](#)

## AMIGO ACFM KITS



AMIGO offers reliable crack detection and sizing (length and depth) using ACFM (alternating current field measurement) for surface breaking cracks. Housed in a rugged site unit, rated to IP54, AMIGO is capable of inspection through thin metallic coatings, or through non-conducting coatings up to 10mm thick.

[MORE INFO](#)

Training Available!

## NEW WELDING GAUGE CATALOGUE

### WELDING & PIT GAUGES

**BridgeCams Weld Gauge**  
Simple to use all in one welding gauge for measuring welds. Undercut, Excess material, Fillets, weld size and height, Penetration angle and Reinforcement.

**Adjustable Fillet Weld Gauge (metric)**  
• Measure Fillet Weld  
• Measure Weld Throat Thickness  
• Has uncrack leg measurement feature.

**Wrap Around Pouch Kit**  
Includes:  
• 1/2" x 1/2" Fillet Weld Gauge  
• 6" General Scale  
• Retracting Mirror  
• Pen  
• Single Purpose

**Weld Gauge Deluxe Brief Case Kit**

### WELDING & PIT GAUGES

**Weld Fillet Gauges**  
Combined set of gauges to measure concave or convex weld sizes for 3mm to 25mm.

**Automatic Weld Size Weld Gauge**  
• Check Reinforcement  
• Check the Throat of Fillet Weld  
• Determine the Leg Size of the Fillet Weld

**American Welding Society Kit**  
Includes:  
• 7 Piece Fillet Weld Set  
• 1/2" x 1/2" Fillet Gauge  
• 6" General Scale  
• 2" Reading Glass

**Medium Size Weld Gauge Kit**

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(\*) Metric or Imperial.

## ASK FOR YOUR BORESCOPE 'READY RECKONER'

### RFS INSPECTION & TESTING

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#### INDUSTRIAL BORESCOPIES

Model	Video	Still	Articulated	Tip	Cable	Screen	Screen/Res.	Light	Mirror	PC/USB	Hook/Magnet	Rechargeable	Rating/Notes	*Price
PST-1100	-	-		4.3mm 5.5mm 8mm 10mm	Flexible/ Semi-rigid	NA/ 640 x 480		LED	optional side view	USB		NA (USB powered)	IP#1	\$830.00 1m cable (1-20m avail)
PTC-5501				4.3mm 5.5mm 8mm 10mm	Flexible/ Semi-rigid	2.3" 640 x 480		LED	optional side view				IP#7	\$725.00 1m cable (1-20m avail)
Ex Scope				10mm	Semi-rigid	2.3" 320x240		LED	-				IP#7	\$740.00 1m cable
PST-2486	-	-		4.3mm 5.5mm 8mm 10mm	Flexible/ Semi-rigid	3.5" 640x480		LED	-	SD/ USB			IP#7 Square battery	\$1,210.00 1m cable (1-20m avail)
PTC-1601W Wireless				5.5mm	Flexible/ Semi-rigid	7" mini 3.5" viewer		LED	optional side view	SD/ USB			-	\$1,485.00 1m cable (1-20m avail)
MIGS	-	-		5.5mm	Flexible	640 x 480		LED	optional side view	SD/ USB			-	\$2,800.00 1m cable
Acc Vision	-	-	2-way	6.8mm	Flexible	7" high res		LED		SD/ USB			-	\$3,900.00 1m cable (2.1m avail)
Acc Pro	-	-	2-way	6.8mm	Flexible	640 x 480		LED		SD/ USB			-	\$6,535.00 1m cable (1.2-3m available)

\* Standard price for cable length specified. Price will vary with different cable lengths. Prices exclude GST & Delivery. Click on the product image for more information.

## ACCUMAX AWARDED NATO STOCK #



Spectronics is pleased to announce the new NATO Stock Number (NSN) for their XRP-3000 AccuMAX™ Digital Radiometer/Photometer # 4920-01-590-096 including: Read Out Unit, UV-A/Visible Detector Sensor, Water-Resistant USB Cable with Adapter, Unit Rubber Protector & Carrying Case.

[MORE INFO](#)

## BRACELET WELD SCANNER



The new manual BRACELET scanner by Phoenix ISL is a low profile (0.5" radial clearance) small bore pipe scanner for use with phased array. It has the ability to inspect standard pipes ranging from 0.5" to 4" NB. WATCH THE OFFICIAL YOU TUBE VIDEO.

[MORE INFO](#)



# FLIR SALES FLIR-ISHING



One of the presenters



Full house



David Fraser (RFS) demonstrating the E-60

## FLIR DISTRIBUTORS TRAINING DAY

On Feb 15th 2011, Russ, Dave and Warren attended the FLIR Distributors Conference day in Melbourne with around 30 attendees from Australia and New Zealand. The day covered Product Launches for the newest items in the FLIR range and many technical and training sessions, along with information transfer between attendees. Wednesday 2nd saw the inaugural meeting of the Australian Professional Thermography Association. The boys also visited FLIR's Head Office at Notting Hill to check out the facility - especially the 9 Point cells used in calibration of the instruments.

## LEADERSHIP HAS A CLASS OF ITS OWN

COMING SOON...MARCH RELEASE!

### I-SERIES



- Affordable entry-level model
- 60x60 Res.
- Easy to use
- Lightweight
- 75mm screen
- SD Card
- High Accuracy
- Long Battery life
- Quick Report Software
- - 20 - 250C Range

### E-SERIES



- Up to 320x240 Res.
- Picture In Picture (fixed)
- 4x Zoom
- 90mm Touchscreen
- Differential Temperature
- Bright LED Light
- Wireless communication with "Meter Link"
- Voice recording & text
- Laser pointer
- Digital Camera
- -20 - 650C Range
- FLIRViewer App (+ Wi-Fi)

[MORE INFO](#)

## HUNTER REGION FLIR TRAINING EXPO

On May 3rd 2011, RFS is holding a FLIR Infrared Information & Training EXPO at Singleton. This is for customers from Newcastle to Muswellbrook who are looking to learn more about Infrared and also get some in-depth training. A range of presenters will be doing some formal training during the afternoon as well as providing some opportunities to get some hands on experience. **Contact RFS to be put on the follow up list.**



## SUE'S DESKTOP

*WOW I can't believe I have been a part of the RFS team for nearly three years now, but then again "time flies when you are having fun"!*

*Discovering NDT has been quite an experience, especially as I didn't even know what 'NDT' stood for when I first started at RFS. Since then, I have marvelled over the genius of the Isomark/Microset replicating compound, been amazed by the power of the Lumos microscope camera and suitably impressed with UT, MPI and UV equipment. But all good things must come to an end and it's time for a new challenge.*

*So the time has come for me to say goodbye to my dear team mates and to those of you whom I have met at the various conferences over the years. This has not been an easy decision to make, especially when I get to meet and work with such wonderful people.*

*I have however added myself to the RFS Newsletter database so I can keep an eye on what's happening in the NDT world (and to see what fun I have missed at the conferences)...*

*Best wishes*

*Sue*



**SONATEST VEO PHASED ARRAY/SToFD SYSTEM** RFS is proud to release the new VEO 16:64 Phased Array instrument from Sonatest Ltd. The new VEO is a highly capable Phased Array instrument with multi-technique functionality, including TOFD; fast data recording, a simple to use interface and rugged housing. VEO is ideal for Pipeline Weld Inspection, Corrosion Mapping, Aerospace and Composite Testing.

VEO's design has made simple controls and menu workflow of paramount importance. The VEO display features full 3D views of the user's test set up including probes, wedges, the weld and geometry, with phased array beams. On-board probe and wedge databases are incorporated in the VEO for fast setups.

**CALL AND BOOK YOUR DEMO TODAY**



## UP-COMING EVENTS & TRAINING

### **Hunter Region - FLIR Infrared Training/Info Expo Day**

3rd May 2011, Singleton, NSW

RSVP, more info to come

### **Gladstone Resources & Industry Expo**

19 - 21 July 2011, Gladstone, QLD

Link: <http://www.gladstoneminingexpo.com/>

### **Corrosion & Prevention Conference**

20 - 24 November 2011, Perth

Link: <http://www.18iccperth2011.com/>

*Thanks for reading RFS NEWS*

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