

FLEX™ Microscope Spectrophotometer



FLEX™ from CRAIC Technologies is designed to measure the spectra of microscopic samples from the deep UV to the NIR easily and economically. FLEX™ is capable of transmittance, reflectance and fluorescence microspectroscopy as well as high resolution, color imaging. FLEX™ from CRAIC Technologies incorporates years of experience to produce an affordable, easy to use yet highly capable instrument perfect for the laboratory or production floor.

With a fully integrated design, FLEX™ from CRAIC Technologies features a UV-visible-NIR range microscope, a CCD spectrophotometer, a digital camera and advanced software.

Thermoelectric cooling of the CCD array is offered to further enhance instrument stability and reduce dark counts. High resolution color imaging makes FLEX™ simple to use and provides a host of image analysis capabilities. And the software also offers a range of spectral analysis capabilities for advanced data analysis.

By combining all these features, the result is FLEX™, a powerful and rugged scientific instrument built for many years of productive work.

FLEX™ SPECIFICATIONS	
Spectral Range	200 to 900 nm
Resolution	0.5 nm
Wavelength Accuracy	±0.5 nm
Wavelength Resolution	0.5 nm
Wavelength Accuracy	±0.5 nm

508 PV™ Microscope Spectrophotometer



The 508 PV™ microscope spectrophotometer can easily be added to an existing microscope probe station or even be used to upgrade an older microspectrophotometer. Depending upon the microscope configuration, you will then be able to take absorbance, transmittance, reflectance, polarization and even fluorescence microspectra of samples smaller than a micron. With CRAIC Technologies' Universal Microscope Adapter, the 508 PV™ can be added to just about any microscope. The flexibility of these adapters allow you to easily perform and parameter the 508 PV™ image with the stage from your eyepiece.

The 508 PV™ microscope spectrophotometer is a rugged, precision tool featuring advanced technology and optics. The 508 PV™ is offered with LambdaFire™ spectrophotometers, then scientific cycling for improved spectral performance, parallel and parameter interface optics for your microscope, and high resolution color digital imaging. All software runs under Microsoft® Windows™ and features LambdaFire™ instrument control and spectral analysis as well as LambdaFire™ imaging software. The 508 PV™ is flexible, advanced, simple to use and will give years of reliable service.

508PV™ SPECIFICATIONS	
Spectral Range	200 to 900 nm
Resolution	0.5 nm
Wavelength Accuracy	±0.5 nm
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Wavelength Accuracy	±0.5 nm

Innovative software solutions.

LambdaFire™ offers you cutting edge instrument control and data analysis.



"Sophisticated Spectral Analysis"

LambdaFire™ is sophisticated software for controlling your CRAIC microspectrometer and to analyze the data. Combining both imaging and spectroscopy, LambdaFire™ offers full instrument control and sophisticated image and spectral analysis. Plug-in modules also add further functionality to this software including automation, spectral mapping, film thickness measurements and much more.

"Flexible, Modular Tools to meet your Challenges"

CRAIC Technologies LambdaFire™ software empowers users of CRAIC Technologies' microspectrophotometers with instrument control, spectral acquisition, imaging and both spectral and image analysis functions. Running under Windows 8™ or Windows 7™ as a native 64-bit program, LambdaFire™ gives you full control of CRAIC microspectrophotometers as well as the ability to acquire high quality spectra of microscopic samples by transmittance, absorbance, reflectance, polarization, fluorescence or Raman and then to analyze those microspectra™ and images. Designed for the production environment as well as the laboratory, it incorporates many types of sophisticated tools for analyzing spectra and images. Featuring touch-screen control with a custom designed GUI, LambdaFire™ offers full manual or automated instrument control.

LambdaFire™ Software Suite Offers:

- Microspectrophotometer Control and Data Analysis in one easy-to-use package
- Microspectrophotometer Automation control and programming
- Perfect for research as well as production with many features specific to each
- Image and spectral analysis features included with instrument control
- Many plug-in modules available such as Spectral Surface Mapping™, thin-film thickness, colorimetry and more.
- Designed for touch-screen and ease-of-use from the experts in microspectroscopy.

LambdaFire™ powerful family of modular solutions for your microspectroscopist!



YOUR INSTRUMENT.



YOUR SOLUTION.

CRAIC



Image and spectrum of a semiconductor chip for thickness determination.



Image and spectrum of a semiconductor chip for thickness determination.



Image and spectrum of a semiconductor chip for thickness determination.



Image and spectrum of a semiconductor chip for thickness determination.

Pioneer Digital Technologies (Product Press Kit) 2000

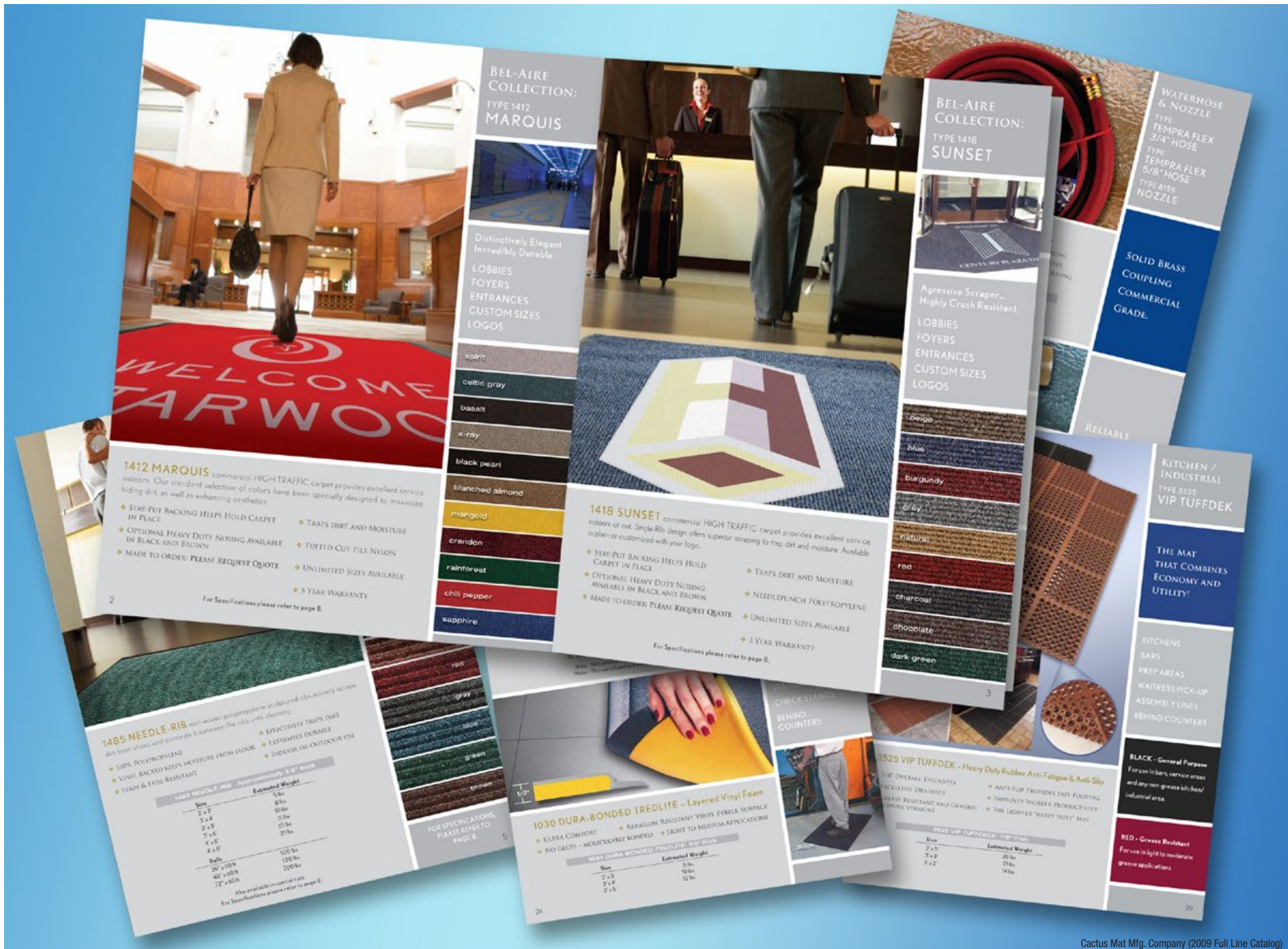


throw it in and go

2003 ELEMENT

Honda

The all new Element from Honda is entirely about huge functionality. It's designed to get you and your stuff there and back, and be your best camp in between. Load gear through either set of side cargo doors or the clamshell tailgate. Removable storage bins and reclining front seats give you 34 options for anything from packing it full to just lying around, gawking at stars through the removable straight 1600W. The rugged interior has a wipe-down floor and seats. The outside has tough composite body panels. Element powers up with a 160-hp, 2.4-liter VTEC engine and a standard 5-speed stick or an available 4-speed automatic. If you're in a hurry, you can get Fuel Thru 4WD. And whether you want the basic EX model or the EX-L which packs a 270-watt audio system with subwoofers, air conditioning, ABS, alloy wheels and more - you're good to go.



HONDA ACCESSORIES

ALLOY WHEELS

Make a dramatic statement. Genuine Honda alloy wheels are manufactured from high-strength aluminum alloy and are as durable as they are good looking. Our wheel looks are triple nickel and chrome plated over case-hardened steel for strength and corrosion resistance. SEE YOUR HONDA DEALER FOR MORE INFORMATION ON ALLOY WHEELS.



Accord Sedan 15" Alloy Wheel



Accord 16" Multipoke Chrome Finish Alloy Wheel



Civic 14" 7-Spoke Alloy Wheel



Civic 15" 15-Spoke Alloy Wheel



Accord SS-TR1 16" Alloy Wheel



Civic 16" 10-Spoke Alloy Wheel



Civic 16" 10-Spoke Alloy Wheel



Accord 16" 12-Spoke Chrome Finish Wheel



Odyssey 16" Aerospoke Machine Finish Wheel



Accord SE-EX 17" Alloy Wheel



Accord EX-180R 17" Alloy Wheel



Civic 15" 5-Spoke Alloy Wheel

HONDA ACCESSORIES



ACCORD SEDAN REAR WING SPOILER

REAR WING SPOILER

Accentuate the aerodynamic styling of your Honda.



CIVIC AERO KIT

AERO KIT

Give your Honda a custom, sporty image. Installs easily and is color matched for a factory finish.



INTERIOR BICYCLE ATTACHMENT

INTERIOR BICYCLE ATTACHMENT

Convenient and secure means of carrying a bicycle within your Honda.



BICYCLE ATTACHMENT (SHOWS ON OPTION)

BICYCLE ATTACHMENT

Roof rack holds up to two attachments. Each lockable attachment holds one bicycle. Fits most adult bicycles.

SIDE STRAKES

Enhance your S2000's sporty appearance.



S2000 SIDE STRAKES

DOOR VISOR*

Enjoy fresh air - even in inclement weather. Durable polycarbonate material will not fade or become brittle.

*May not be legal in all states. Please check the laws of your state.



ACCORD COUPE DOOR VISOR

LUGGAGE BASKET

The luggage basket is specifically designed to hold various fabric and hard sided luggage. Includes stretch net and tie down straps.



LUGGAGE BASKET (SHOWS ON OPTION)

SNOWBOARD/SKI ATTACHMENT

Lockable and holds two snowboards or up to four pairs of skis and poles.



SNOWBOARD/SKI ATTACHMENT (SHOWS ON OPTION)

HONDA ACCESSORIES



WHEEL LOCKS, HATCH COVERS, LUGGAGE BASKET

I-VES*

The Honda accessory in-vehicle Entertainment System (i-VES) will provide hours of entertainment for mid-row and back-seat passengers. Enjoy all the convenience of home theater right in your Odyssey! The OEM quality console is constructed of high impact ABS plastic and provides auxiliary ports for camcorders, portable DVD players, or video games plus a convenient storage bin for video tapes.

*In Vehicle Entertainment System

CARGO COVER

Cargo cover keeps valuables out of sight and protected from damaging sunlight.



WHEEL LOCKS, HATCH COVERS, LUGGAGE BASKET

HONDA ACCESSORIES



ACCORD COUPE MOONROOF VISOR

MOONROOF VISOR

Reduce glare and wind noise while moonroof is open. This unique design allows air to circulate comfortably throughout the cabin even in inclement weather.

HALF & FULL NOSE MASK

Dress up your Honda while adding an extra measure of protection. Our nose masks are constructed of durable, leather-grain vinyl lined with soft felt.



ACCORD COUPE FULL NOSE MASK



ACCORD COUPE HALF NOSE MASK



CIVIC HYBRID CAR COVER

CAR COVER

Durable, ultra-soft material makes a perfect protective dust cover for the finish of your Honda.

DVD MONITOR*

Enjoy cutting edge entertainment. The high-resolution 20" TFT-LCD screen with dimmer is mounted overhead with the wide viewing-angle display adjustable for comfortable viewing by all mid-row and rear-seat occupants.

*Available November 1, 2002



ACCORD SEDAN DVD MONITOR

VHS I-VES CONSOLE

The VHS system was designed specifically for the Odyssey. i-VES utilizes automotive grade electronics that have been designed and manufactured to withstand the harsh automotive environment.



WHEEL LOCKS, HATCH COVERS, LUGGAGE BASKET

ALL SEASON FLOOR MAT

Designed to trap dirt, sand and water, these mats are long wearing and clean easily with soap and water.



ACCORD SEDAN ALL SEASON FLOOR MATS

TRUNK LID SPOILER

Add a smooth aerodynamic look to your Accord Sedan. Color matched to original factory specifications providing a custom-finished look.



ACCORD SEDAN TRUNK LID SPOILER

REAR WING SPOILER

Accentuate the aerodynamic styling of your Accord. Color matched to original factory specifications providing a custom-finished look.



ACCORD SEDAN REAR WING SPOILER

SPLASH GUARDS

Deflect minor road debris and mud away from rear quarter panels. To insure long life, splash guards are injection molded from heavy duty polymers and custom fitted.



CIVIC SPLASH GUARDS (FENDERWELL TRIM)

FENDERWELL TRIM

Protect fender edges from parking lot dings, scratches and scrapes.

FOG LIGHT

Enhance your visibility during adverse driving conditions while adding sporty style.



ACCORD COUPE FOG LIGHT

2003 ACCESSORIES

Provide your digital cable customers sophisticated, yet easy-to-use tools to make the most of your digital entertainment services and programming with Pioneer's Passport Application Suite.

Passport gives you the advanced navigation and navigation capabilities to offer a variety of entertainment options to your cable customers, ensuring their overall digital cable experience.

Passport's original, industry-renowned navigation interface for digital cable. Packed with multiple on-screen options, it offers precise control and dynamic scalability to a variety of system configurations.

CONNECTING PEOPLE WITH ENTERTAINMENT

PASSPORT

Passport Echo™ is the answer to the growing demand for DVR service. It provides subscribers with the actual navigation and DVR management tools they need, to easily step to these advanced entertainment options.

Delivering high-resolution graphics and an intuitive user interface, Passport Echo easily integrates the management components that allow multiple times and how they are introduced into the digital cable service.

Passport Echo's intuitive DVR controls, manage menu tools and recording capabilities make it easy for your subscribers to enjoy entertainment on their terms.

MAKING DIGITAL ENTERTAINMENT TO FIT ANY LIFESTYLE.

PASSPORT Echo

Describe new life into their generation DCT set-top, while leveraging their hardware architecture with Passport DCT™.

Passport DCT maximizes hardware capabilities, particularly in menu on-line environments, to offer a sleek, more refined HD solution. Passport DCT gives subscribers the latest responsiveness and intuitive interactive navigation controls they demand from their digital cable providers.

Passport DCT is the industry's premier solution for DCT set-top systems, supporting basic legacy digital cable on-line to advanced HD.

PERFORMANCE AND SPEED FOR ALL THE HAVING FOR DCT

PASSPORT DCT

Pioneer sound.vision.soul

PASSPORT ECHO™
PASSPORT™
PASSPORT™ DCT

PASSPORT APPLICATIONS

PassTime™ Games

The PassTime™ Games application offers customers hours of entertainment with a variety of fun and challenging card games to choose from, directly accessible through Passport's Web.

i-Subscribe Application

Users now have access to categories of services they can select and subscribe to instantly. Configure i-Subscribe to promote the best selling services in an easy to use interactive interface.

Remote Application

With Passport's Remote Application, users can quickly and easily configure and customize their digital cable set-top remote to control a variety of consumer audio-visual components.

Weather Application

A featured Configure channel application that by default displays current conditions and 5-day forecast of local weather with an interactive feature to select from a list of 100 other cities.

Venue Application

Configure the Venue application to use interactive navigation to view categories and channels. With a customizable background, create multiple themes for special events.

Caller ID Application

As calls are received, a user-configurable banner displays the caller's name at the top of the screen. Turn to the Caller ID channel and display a list of all calls or two calls or a maximum of four phone calls.

Visit pioneerdigital.com or call 818.295.6008 to find out how Pioneer's Passport family of products for digital cable set-tops can turn your interactive digital cable services into true interaction.

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