SPECIFICATIONS

No. of effective pixels	5.0 million
CCD	1/1.8-type interline primary-colour CCD with a total of 5.3 million (2668 x 1970) pixels
Lens	7.8 – 23.4 mm (35 mm equivalent: 38 – 114 mm), f/ 2.8 – f/ 4.7;
	8 elements in 7 groups
Recording media	SD (Secure Digital) Memory Card / MultiMediaCard
File format	JPEG, TIFF, Motion JPEG (MOV): with Audio, DCF1.0, DPOF
No. of recorded pixels	2560 x 1920, 2048 x 1536, 1600 x 1200, 1280 x 960*, 640 x 480
	* Only in UHS continuous-advance mode
Storage capacity	(1600 x 1200) Economy: 203, Standard: 117, Fine: 61, Super Fine: 10,
(approx. no. of frames* using 64 MB SD card)	Movie recording: (320 x 240) 3 minutes 2 seconds /
	(160 x 120) 12 minunites 9 seconds
	Audio recording: 2 hours 12 minutes 15 seconds
	* The actual number of images may vary depending upon the subject and the media used.
Autofocus system	Video AF
Autofocus area	Wide focus area (Area AF), Spot focus area with Focus Area Selection
Focus modes	Autofocus: Subject Tracking AF, Single-shot AF,
	Full-time AF (available in AF mode), Manual focus
Focusing range	Wide / Telephoto: 45 cm to infinity (from front of the lens)
	Macro: 14.5 cm to 54.5 cm (from front of the lens)
Exposure mode	Programmed AE, Aperture priority, Shutter priority, Manual
Digital Subject Program	Selection
	Automatic: Portrait, Sports action, Landscape, Sunset, Night portrait
	Manual: same as the above, plus Macro
Exposure bracketing	1.0 / 0.5 / 0.3 Ev increments; No. of bracket: 3 frames
Metering	Multi-segment (256 segments), Spot, Centre-weighted
Camera sensitivity	Auto and 64 / 100 / 200 / 400, ISO equivalent
Self-timer	Approx. 10 seconds delay
Remote Control	IR Remote Control RC-3
White-balance control	Automatic, Preset (Daylight, Tungsten, Fluorescent, Cloudy), Custom
Flash mode	Autoflash, Autoflash with red-eye reduction, Fill-flash, Flash cancel.
A/D conversion	12 bits
LCD monitor	3.8 cm (1.5 inch) TFT colour, with total 110,000 (approx.) pixels equivalent
Noise Reduction	User selectable
Printing output control	Exif Print, PRINT Image Matching II
PC interface	USB ver. 1.1, Video output PAL / NTSC (selected on the camera)
Battery	One CR-V3 lithium-ion battery or two AA Ni-MH batteries
Battery performance (Minolta measurement)	Continuous playback time: approx. 270 minutes with CR-V3 battery, approx. 140 minutes with Ni-MH battery (1700mAh)
External power source	3V DC (with specified AC adapter)
Dimensions (WxHxD)	111.0 x 52.5 x 32.5 mm
Weight	Approx. 185 g (without batteries and recording media)
Standard accessories	Battery (CR-V3), Hand Strap (HS-DG100), AV Cable (AVC-200),
	USB Cable (USB-500), SD Memory Card (64 MB), DiMAGE Software CD-ROM

Specifications and accessories are based on the information available at the time of printing, and are subject to change without notice. For the latest information, please visit: **www.minoltaeurope.com**
Availability of accessories depends on areas.

Compatible Computers

● IBM PC / AT compatible computers with preinstalled Windows XP, Windows Me, Windows 2000 Professional, Windows 98*, or Windows 98 Second Edition* and with a built-in USB port as standard interface. ● Apple Macintosh computers with Mac OS 8.6**—9.2.2 or Mac OS X v.10.1.3— 10.1.5 and v.10.2.1, with a built-in USB port as standard interface.

*   Users of Windows 98 and Windows 98 SE must install dedicated driver software supplied with the product.
** Users of Mac OS 8.6 must download from the Internet and install "USB Mass Storage Support 1.3.5" offered by Apple Computer Inc.

More compatibility information (in English/French/German) at www.minoltaeurope.com/pe/digital/languages_stage.html

Notes:
Computers and operating systems must be guaranteed by their manufactures to support USB interface. For details, please contact the manufacturer. Problems may be encountered depending on what other USB devices are being used in parallel with this product. Only a built-in USB port is supported. Problems may be encountered when the camera is connected to a USB hub. Normal operation may not occur even if all the system requirements are met.

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MIN●LTA

The essentials of imaging

DiMAGE F300

5 Megapixels in a Stylish, Compact Body

5 MEGAPIXELS

www.dimage.minolta.com

Stunning Quality with Unmatched Ease

Bringing people
AREA-AF
into focus.

■ Superior quality 5.0 megapixel images ■ Minolta's innovative Area AF with Subject Tracking AF to keep your shots in focus ■ Accurate exposures made easy by Automatic Digital Subject Program Selection ■ Seamless 12X zoom (3X optical & 4X digital) ■ 32MB buffer memory for fast, responsive operation

Try the Innovative Approach, Where Sharpness
Stays Constant

5   M E G A P I X E L S

Take it easy. Or take full creative control. The DiMAGE F300 lets you do either, in exhilarating 5.0 megapixel quality. Innovative features ensure sharp shots at the touch of a button, even with moving subjects, and optimum exposure as well. Operation is comfortably fast. And as for genuine creativity, you get a full palette of controls to experiment with. All in a slim, sleek body that's easy to carry.   DiMAGE F300

Capture High-Resolution Images with Superior Colour Quality

5 Megapixels

■ 5.0 megapixel resolution

Turn your fabulous shots into high quality enlargements. With an effective resolution of 5.0 megapixels, the DiMAGE F300 produces detail rich images that look great as large-sized printouts (at 150 dpi, approx. 43 x 32 cm). A primary colour filter ensures optimum colour fidelity.

■ Premium Minolta GT Lens (38 – 114mm*)

Minolta's acclaimed optical expertise is another key to high quality. The GT Lens maximises the performance of the camera's CCD, while suppressing colour aberration and image distortion. Only lenses that pass the strictest quality standards earn the GT Lens designation, and are included in cameras developed under the "Superior Image Quality" concept.

* 35mm film camera equivalent

■ Clearer colours from Minolta CxProcess™

Clear, natural colours come from this exclusive image processing technology, which balances several factors to replicate how a scene appears to the human eye.

■ 12-bit A/D conversion for more colours

For extremely smooth gradations and fine shadow area detail, the DiMAGE F300 features 12-bit A/D conversion, a process that generates a range of over 68 billion hues.

■ Great results through noise reduction

Capture great shots at slow shutter speeds or when shooting a brightly-lit scene, such as the sky. Noise can sometimes be a problem with digital cameras, but not with the DiMAGE F300.

OFF

ON

Far More Innovative, Far More Intelligent

Bringing people AREA-AF into focus.

Area AF

### ■ Area AF with Subject Tracking AF
Thanks to this unique Minolta technology, it couldn't be any easier to capture a sharp, in focus image. Area AF has an extra wide focusing area with five focusing blocks, so you can just point and shoot—no focus lock is required. And you don't have to worry if your subject is moving, either. Subject Tracking AF follows your subject within the autofocus area and activates the right focusing block to keep it in focus.

■ Easier shooting at night or in the dark
Low-light shooting is remarkably hassle free. For still images, colours in the LCD monitor will automatically get brighter, allowing you to frame your shot more easily. And during movie capture, sensitivity is automatically boosted so you can recognise your subject in the movie.

■ Automatic Digital Subject Program Selection
Let the DiMAGE F300 take care of exposure settings. Automatic Digital Subject Program Selection will dynamically change the exposure mode to match the scene you're shooting. The active mode is displayed for easy confirmation: portrait, night portrait, landscape, sunset, or sports action. Macro mode (manual setting) is also provided.
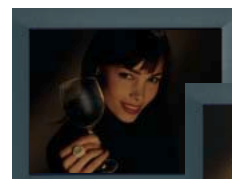
Conventional model
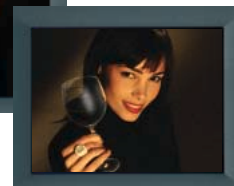
DiMAGE F300

Macro

Sunset

Portrait

Sports

Z o o m

Optical zoom

Digital zoom

3x

12x

■ **Seamless 12X zoom (3X optical & 4X digital)**
An expansive zoom range gives you extra flexibility with shot composition. The 3X optical zoom shifts seamlessly into digital zoom, in 0.1X increments for precise control.

■ **XR (Extended Recording) movies & audio files**
Capture mini movies with sound (up to 20 minutes long), or record up to 3 hours* of audio only. You can also record short audio files and add audio captions to captured images.
* Requires 128MB SD Memory Card. On rare occasions, some memory cards may not record to full capacity due to their writing speed.

■ **32MB buffer memory for smooth shooting**
A large buffer memory ensures quick response, so you can take successive shots with hardly any wait. Playback is extremely fast as well.

■ **Fluid playback of captured images**
Blaze through the images on your memory card in 0.2 second intervals, regardless of their resolution.

■ **UHS continuous shooting (1.3 megapixels)**
When speed is essential, shift to Ultra High Speed mode to capture 11 frames per second.

■ **Other convenient functions**
E-mail Copy, a function that resizes captured images for delivery as e-mail attachments • Flash compensation mode • Customisable shutter sound • User selectable control sounds, such as the shutter click of a Minolta SLR or the nostalgic Minolta CLE • File formats: Exif 2.2, TIFF, Motion JPEG (MOV) with audio • Print output control: PRINT Image Matching, Exif Print • Self timer (10 seconds) • USB interface • SD Memory Card and MultiMediaCard compatibility • DiMAGE Viewer utility software for easy image editing

Movie

Explore the Possibilities of Creative Digital Imaging

■ Digital Effects Control (DEC)
Use DEC to create images with the special look you have in mind. Contrast, colour saturation, and exposure compensation can be altered prior to image capture and these changes can be previewed on the LCD monitor.

■ Adjustable white balance
Five white balance settings are provided: auto, daylight, cloudy, tungsten and fluorescent. White balance can also be customised to match your light source.

■ 3 selectable colour modes
Shoot your images in either Natural Colour, Vivid Colour, or Black & White.

■ PASM exposure settings
Precise exposure control is available with these four modes. Program (P) leaves everything to the camera, Aperture priority (A) lets you alter depth of field and Shutter priority (S) allows you to change shutter speeds. Manual (M) offers control over both shutter speed and aperture.

■ Variable ISO settings
Sensitivity, yet another creative variable, can be switched from Auto to any of these ISO-equivalent settings: 64, 100, 200, or 400.

■ Exposure bracketing
Capture a series of exposures with each shot to make sure you're getting the image you most desire. Bracketing is selectable from ±0.3, 0.5, or 1.0 EV.

■ Flexible metering
Depending on how your subject looks, you can choose multi-segment metering, spot metering, or centre weighted metering to achieve optimum exposure accuracy.

■ Bulb exposures
With a slow shutter speed, you can create images with interesting effects, such as flowing light trails taken against a dark background.

DEC (Saturation)

Low

Normal

High

COLOUR MODES

Natural Colour

Vivid Colour

Black & White

BRACKETING

-1

0

+1

BULB SHOOTING