



Apollo II PSK

## Features:

- Robust, sturdy design
- Easy testing and experimentation
- Flexible and simple installation
- Easy integration with various printing platforms
- Comprehensive Applications Engineering support
- Customized training
- Remote access via ethernet connection
- Configured for 4 or 8 drive channels
- Scanning/interlacing software

*The Apollo II Printhead Support Kit is Dimatix's next-generation development support kit for users of our 256- and 128-jet liquid printheads and jetting assemblies.*

The Apollo II Printhead Support Kit presents all the functionality and features of the previous Apollo Printhead Support Kit with the added benefits of

- single unit, robust casing
- enlarged module architecture
- improved cable routing
- installation Wizard for software upgrades

The Apollo II Printhead Support Kit (PSK) helps customers understand the potential of piezoelectric printhead technology and confirm the applicability of Spectra® printheads to individual applications needs. Designed to fit in light industrial settings, the PSK is at home in lab conditions as well as production shop environments. Its modest physical dimensions make it easy to find the right spot for convenient operation.

The PSK is a complete evaluation system providing printhead tending functions, printhead drive electronics, ink delivery, and printing capability for a single or multiple printhead configuration. The PSK includes:

- System CPU Module and Monitor
- Control and Data Module
- Head Drive Electronics Module
- Head Pneumatics Module
- Software User Interface
- Liquid Jetting Fluid Supply
- Product Manual with Software User Guide
- Training
- CE compliant



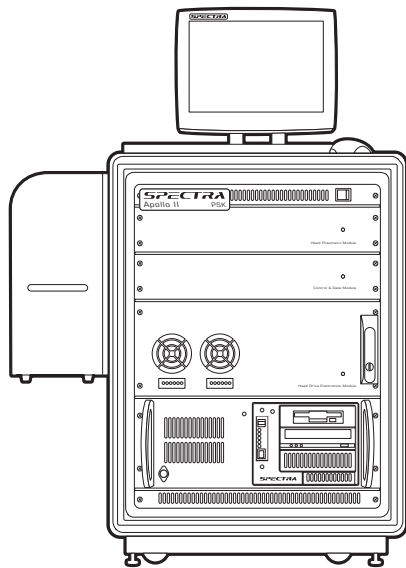
[www.dimatix.com](http://www.dimatix.com)

Parameter	Apollo II PSK
Maximum drive frequency	40 kHz
Supply power	universal input (90-253Vac 50/60 Hz) 1,200 Watts
Number of printheads supported	1 - 4, 256-jet printheads/jetting assemblies, or 1 - 8, 128-jet jetting assemblies
Number of colors	4-color or interleaved monochrome
Fire pulse	programmable amplitude, width, rise & fall time
Fire pulse channels	up to 8
Printhead temperature control	40 - 90°C (operating) 15 - 50°C (ambient)
Graphic user interface	Windows™ 2000
Image file format	TIFF
Remote communication	TCP/IP terminal
Humidity	10 - 90% non-condensing
Weight	approximately 122.5 kg [270 lbs]
CE Compliant*	

\*This product complies with the essential requirements of the applicable European laws or Directives with respect to safety, health, environment and consumer protection.

Windows 2000 is either a trademark or registered trademark of Microsoft Corporation in the U.S.A and/or other countries.

Physical Characteristics	Models & Product Options
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Monitor Dimensions:  
 Height: 355.6 mm [14 in.]  
 Width: 406.4 mm [16 in.]  
 Depth: 190.5 mm [7.5 in.]

Ink Supply Dimensions:  
 Height: 393.7 mm [15.5 in.]  
 Width: 190.5 mm [7.5 in.]  
 Depth: 558.8 mm [22 in.]

PSK Housing Dimensions:  
 Height: 812.8 mm [32 in.]  
 Width: 584.2 mm [23 in.]  
 Depth: 660.4 mm [26 in.]

Models		
Models	Printheads	Ink Supply System
Apollo II PSK LQ-1	1	1 pump
Apollo II PSK LQ-2	2	2 pumps
Apollo II PSK LQ-4	4	4 pumps

- Product Options**
- Printheads
  - Reservoir Configurations
  - Ink Starter Kits
  - Drive Channels

Product data presented above are for guideline purposes only. For design and engineering work using this product, please contact Dimatix Technical Support for the appropriate Product Manual containing full Product Specifications.

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