

# PIAF™

## The Power to Understand

Sighted people often take for granted just how much information is now presented in diagrams, charts, advertisements and so on, collectively referred to as 'graphics'. Increasingly, an important element of literacy is the ability to understand and interpret graphics. PIAF™ produces high quality tactile graphics using heat sensitive capsule paper. It is ideal for people who are blind and vision impaired. PIAF's controlled heat source causes any black lines, letters, or shapes that are drawn, printed, or copied onto the capsule paper to swell. The result is an instant tactile graphic. PIAF™ is used a variety of educational, employment and personal needs.

### Expanded Learning

People who are blind need equal access to graphics. Providing such access is creating new challenges for educators, building owners, government authorities and suppliers of public information. The ability to follow a map, interpret the topography diagram in their geography text, join their classmates using the Periodic table in chemistry class, find their way down a fire escape or an emergency exit read a flow chart, independently learn new environments, and undertake activities like recognizing the architecture in their city is now available with the help of a tactile image.



### PIAF™ – Pictures In A Flash

From developing simple concepts about graphics with young children through providing complex information on the environment to blind and vision impaired adults, new tools and strategies are required. The PIAF™ provides a versatile and reliable solution. It produces high quality tactile graphics by using heat sensitive capsule paper. The raised images are easy to produce and ideal for communicating graphics and Braille to blind people.

PIAF™ provides quick and easy access to geography, mathematics, orientation and mobility training, all science subjects and more.

Young children can create drawings and see the results in seconds, chess boards can be made for home usage, and office layouts or organization charts produced for new employees. Light, and easy to carry, and small, this machine has excellent safety features.





## Features and Benefits

- Safe operation with two in-built fail-safe features.
- Handles paper sizes up to A3 (11" x 17").
- Only 10 seconds to process a single A4 size sheet (8.5" x 11").
- Audio indication. A beep lets you know when to insert the next page.
- A simple flip-down design enables easy paper removal and safety inspection.
- Energy efficient and quiet makes it acceptable in any environment, library, office or classroom.
- Portable with a strong, easy-grip handle and removable feed trays, makes it useful for itinerate teachers.
- Power supply: 110Volts AC - 60Hz and 220-240Volts AC - 50Hz.
- Size: H 190mm x W 500mm x D 170mm (7.8"x 19.7" x 6.7")
- Size with trays out: H190mm x W 550.5mm x D 510mm (7.5" x 19.7" x 20.1")
- Weight: 5.9 kilos (13lbs.)

## Overheating Protection

The PIAF™ contains a temperature sensing circuit. If for any reason the unit becomes too hot, shut-down occurs automatically! This is a back up to the paper sensing to ensure fail-safe operation.

## Paper Sensing

The PIAF™ actually senses when capsule paper enters the machine, and when it exits. If the paper does not appear at the exit side within 6 seconds, the power to the heating element is turned off but the cooling fan left on.

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