

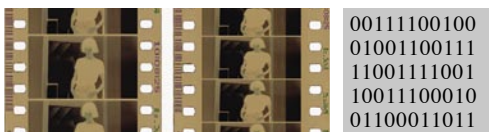


*Penelope enumerating her camera's qualities to Ulysses*

A light, ultra-quiet  
35mm  
2 Perf & 3 Perf  
reflex 'A' camera  
for very high-definition  
digital post

- 1** versatile 2 Perf/3 Perf 35mm head
- 2** the only instant magazine 35mm camera, nine minute autonomy in 2perf
- 3** ultra quiet, 22dB noise level
- 4** at 7 1/2 kilos with film and battery, the lightest rotating mirror reflex sync-sound 35mm camera
- 5** low profile for highly mobile filmmaking
- 6** very low consumption (15 watts)
- 7** double resolution progressive scan video-assist
- 8** permanent recording of jpeg frame-grabs for image-report printouts
- 9** open minded: built to accommodate digital imagers in the film gate
- 10** film mags to be interchangeable on location with Aaton 'digi-mag'

3perf    2perf    Digital



penelope  
by Aaton



# penelope

Twin battery power supply :  
one for lightweight handheld  
shots; add the other for  
multi-accessory use.

Extremely simple-to-lace  
instant magazine, totally open  
loopmaking area, easy to  
check and keep clean.  
Automatic loop placement.



Large assistant display showing  
frame rate, remaining footage, ISO,  
timecode, two battery levels  
(fps and remaining footage also  
visible on operator side).



Extremely bright viewfinder with generous peripheral coverage.



The only 2Perf-native camera, swappable to 3Perf in less than twenty minutes.

Coplanar film pull-down, so smooth and steady it extracts every last bit of the 35mm film images.

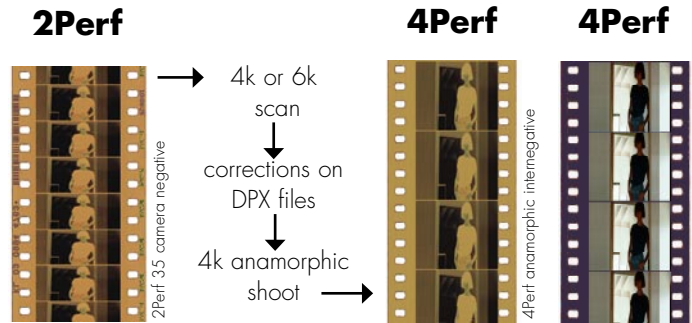
The slanted magazine base perfectly fits the shoulder; no other camera brings this comfort to the operator. Penelope respects the 'cat on the shoulder' rule Aaton is famous for.



Progressive-scan video assist provides full target resolution during takes. Permanent recording of image proxies provides end-of-day 'image report' printouts via USB key.



# 2Perf explained



## 2Perf for Scope

Filming 1:2.35 ratio images on two perforation pull-down standard 35mm film negative, '2Perf' cuts rawstock consumption and processing costs exactly in half. This brings film origination costs into the same ballpark as digital origination, but with a host of advantages, the first being a notable saving on lighting. Not to mention dynamic range and color subtlety, that result from the randomly distributed grains of silver halide on film. (The fact that these grains are differently located in each successive frame enhances micro-definition and color extraction in ways that digital sensors cannot come close to). 2Perf, as opposed to 4Perf, owes its viability to two recent developments: 'one photon/two electron' rawstocks, and the digital intermediate that progressively replaces the optical blowup process (scan at 6K/4K, shoot at 4K or 2K).

## A gift to cinematographers...

The operational duration of the magazines is doubled with 2Perf: nine minutes for a 400 foot mag instead of four and a half with 4Perf. No more need for back-breaking 1,000 foot mags. Since the 2Perf image diagonal perfectly fits the field coverage of standard spherical lenses, the 1:2.35 image is covered without the extra weight of anamorphic lenses.



*Over the 20 years she waited for Odysseus, Penelope remained faithful to him, despite advances by numerous suitors. A traveler in rags came along and killed all the suitors; even this man, she turned down, unaware that he was Odysseus in disguise. She could not believe that her husband had really returned, and tested him by ordering her servant to move her bed. Odysseus immediately protested that this could not be done: he himself had built the bed for their wedding chamber and knew that one of its legs was a living olive tree. Penelope finally accepts that he truly is her Odysseus.*

## ...a blessing for producers

On top of the natural 50% rawstock economy, another 8% is added by the reduction of short-ends given by the longer running magazines. A ninety-minute film can be made with 50,000 feet instead of 120,000.