Processor Quality Control

Sensitometry and Densitometry solutions from AMD Technologies, Inc.

Processor Quality Control is still required.

They're never gone away, but recently there have been an increase in inspections by many state agencies. However, as we move quickly towards an all digital world, it is harder to find quality sensitometers and densitometers. Many manufacturers have simply stopped making these products. Used equipment is, quite frankly, pretty beat up.

We have the QA products you need.

We have never stopped providing good QA products, including sensitometers and densitometers. In fact, we have added new models to our offerings.

Shown below is our most popular housing. It's a combination sensitometer and densitometer. With our Densonorm, you always have both halves of the "operation" at your fingertips. It's one piece of equipment to keep track of, not two.

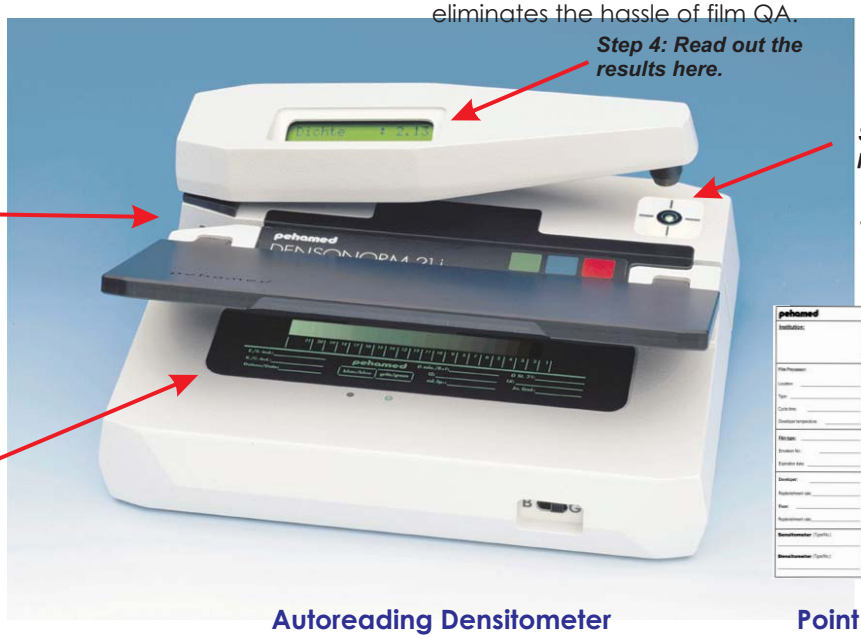
Here are the three most popular models (if you are a European customer, you may need a tracable calibrated unit, in which case call us).

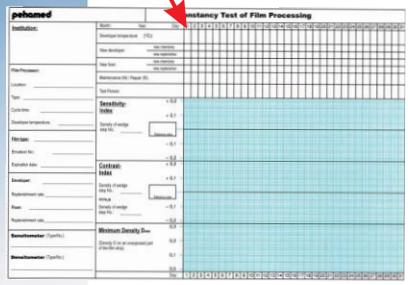
Densonorm 21-ECO - a combination of a 21-step sensitometer and a point densitometer.

Densonorm 21-E - automatically calculates Relative Speed and Average Gradient after you have manually measured each step.

Densonorm 21i - adds an automatic film reader to the "E" version and also calculates all of the important measurements.

Each unit produces the information needed for daily quality control, but with the "21i" all of the work is done seconds after the unit reads the film strip. This saves time and eliminates the hassle of film QA.





Specifications

System - microprocessor controlled.
Film size reach - up to 7" (middle of 14" width film)
Dimensions: 9.5" l x 3.5"h x 7.5"d (240 x 85 x 190mm)
Weight: approx: ECO-2.2 lbs (1 kg) - E & I-3.3 lbs (1.5 kg)
Power supply: 9.5 volt battery for short term use. Also provided with 120/220 power adapter

Sensitometer

21-density steps - with increase of 0.15D per step
Green color peak wavelength - 510nm
Blue color peak wavelength - 460nm
Exposure tolerance within each step - less than 0.01D
Repeatability: better than +/-0.02 log e
Time Stability: better than +/-0.02 log e
Setting: separate adjustments for blue or green wavelength

Autoreading Densitometer

Reads 21 steps in less than 5 seconds
Automatic zero calibration
No warm-up time required
Information displayed on LCD
Immediate evaluation of the following statistics:
- Speed Index & Contrast Index
- Base and Fog
- D step 21 (D-max)
- LE (Speed) & LK (Contrast)
- Relative Speed & Average Gradient
- Can display values for individual steps

Can be set for English, Spanish, French and German
RS232 Interface (for download into special software)
Measure range: 1.00 - 4.50D
Measure accuracy: +/- 0.01
Stability: +/- 0.02D
Independent light area - 3mm diameter
Temperature operating range: 59 to 95F (15-35C)

Point Densitometer

Length of measure arm - 8" (20cm)
LCD display of results
Calibration with enclosed calibration film
Independent light area - 3mm diameter
Measure range: 1.00 - 4.50D
Measure accuracy: =/- 0.01
Stability: +/- 0.01
Temperature operating range: 59 to 95F (15-35C)

Model Numbers

40450 - Densonorm 21-ECO
40460 - Densonorm 21-E
40470 - Densonorm 21i