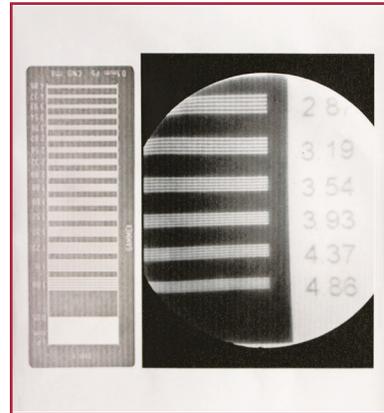


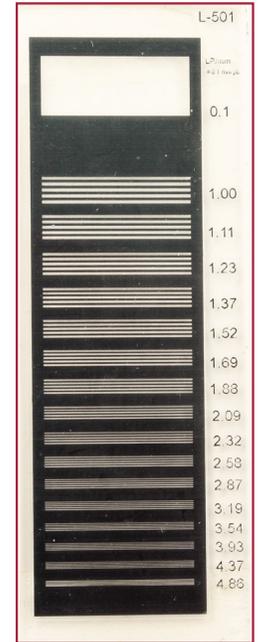
## High Resolution Test Patterns Models L-501, L-523, L-538

### Features

- Test Patterns are Used for Spatial Resolution Measurements
- Quick, Simple, and Accurate Procedure
- Used to Evaluate Imaging Systems and Magnification Techniques
- Resolution Range is Different for Each Test Pattern
- Line Pair Ranges per mm Are Shown on Each Pattern for Easy Identification



**Model L-501** Part Number: 99-9490  
**Above:** enlarged detail of pattern



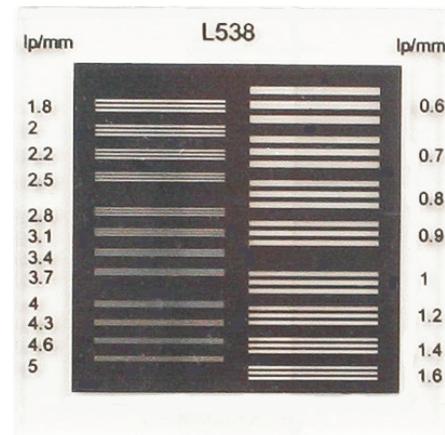
### Introduction

#### Variety of Test Patterns Available for Measuring Resolution

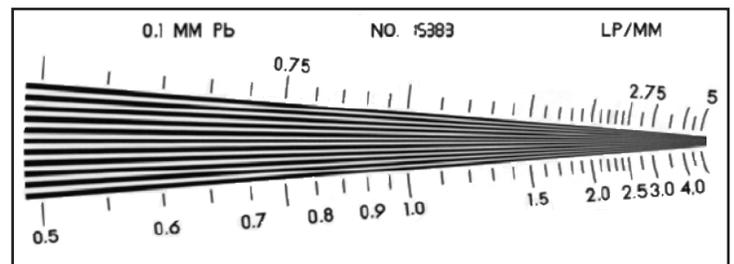
The choice of pattern depends on the specific application. The sector test patterns are 0.4, and the group test patterns have varying numbers of line pair groups. Thicknesses are limited by the resolution, with a maximum thickness of 0.1 mm for test patterns up to 5 LP/mm. Radiopaque numbers indicate the resolution (in LP/mm) of each group.

#### X-Ray Test Patterns for Measuring Resolution of Image Intensifiers and Video Systems

Patterns containing two line groups of each resolution value are typically recommended for imaging systems. The groups in these types of patterns (see images) are perpendicular to each other. The patterns are recommended when screen image or video intensifiers are to be tested. It is good practice to place them in various locations covering the entire area of an imaging field.



**Model L-538** Part Number: 99-9488



**Converging Line Test Pattern**  
**Model L-523** Part Number: 99-9489