

# ESI-4300 Laser Cardholder

## ESI LASER CARDHOLDER

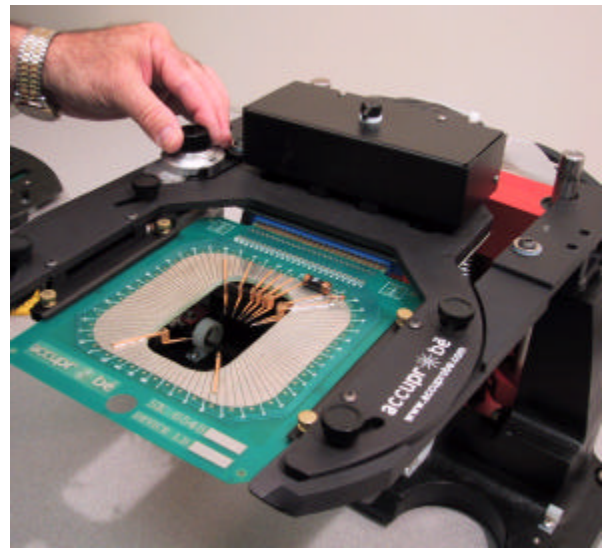
Accuprobe cardholders have long been the preferred option for theta adjustable probe card holders for ESI laser trim systems. These plug compatible cardholders allow reduced setup times, faster device changeover, and increased throughput.

## PROBE CARD HOLDER FOR ESI 4210 AND 4300 LASERS

Accuprobe is pleased to offer the model ESI-4300 probe cardholder as a replacement for the original cardholder supplied with the ESI models 4300 and earlier 4210 laser trim systems with step and repeat tables. The ESI-4300 cardholder was designed for ESI to make it easier and quicker to set up a probe card with repeatable accuracy. The cardholder provides the ability to adjust the probe card up to 4° each way in the theta-plane, reducing device setup time and increasing throughput and productivity. The cardholder has interchangeable probe card rails that will accommodate 4.5, 6.0 and 6.5 inch wide probe cards with 48, 70, 100 or 120 pin edge connectors. The precision machined card rails make for secure, smooth, and accurate probe card insertion and withdrawal. As in past generation Accuprobe ESI cardholders, the 4300 probe cardholder has the ability to precisely and repeatedly "dial-in" the correct theta for each individual probe card.

## POSITION SAVER FOR FAST CARD SETUP

Each cardholder is supplied with a conven-



ient, repeatable and fast way to setup theta adjustment for each card. The Position Saver allows a very fast card changeover cycle because individual card assemblies can be identified with a specific theta reference number. Each subsequent use of a specific probe card can then be setup quickly by inserting the card and simply dialing in the saved position number to achieve the proper theta alignment.

## SIMPLE INSTALLATION AND OPERATION

The Accuprobe cardholder is simple to install and operate. It is a bolt on replacement for the original ESI cardholder and uses the same interface connector assembly. Installation can be accomplished in about 30-minutes. Once the cardholder is installed, a probe card is simply inserted into the connector position, theta adjustment is dialed in through the Position Saver, the probe card is locked into position, and operations can continue. The Accuprobe cardholder has been carefully designed to meet the precise dimensions of the ESI Model 4300 system, and is manufactured for long-term durability and maintenance free operation.

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## COMPLETE CARHOLDER ASSEMBLY

The Accuprobe ESI-4300 series cardholder includes the Position Saver theta adjustment dial and a choice of one set of rails. The existing ESI interface board can be used in the new cardholder. Probe card board rails are compatible with the rails used in Accuprobe's 2544 cardholder for series 25, 40 and 80 laser trim systems. Additional ESI interface boards can be ordered direct from ESI.

## ORDERING INFORMATION

Specify Model Number as ESI-4300-X where X = card width rail selection 4.5", 6.0" or 6.5" For example ESI-4300-6.5

Rails can be changed to accommodate different width probe cards. To order additional rails please specify: Additional Rail Set ESI-ARS-4.5, 6.0 or 6.5



Additional Rail Sets

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