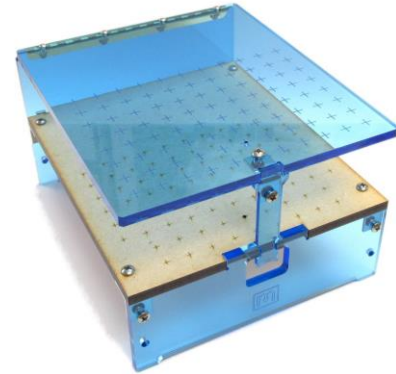




# Merifix MF300 Test Fixture

- Electronic Test Fixture Kit
- Very low-cost kit facilitates use in situations where traditional fixtures are too expensive:
  - Research & Development
  - Engineering
  - Low-volume Production
- Uses include:
  - Debugging
  - Programming
  - Verification and Test



## Low-cost Fixture

Due to careful selection of materials, use of modern manufacturing techniques, and supplying the kit "flat packed" for end-user assembly, Merifix fixtures kits are inexpensive enough to be used in low-volume production and in engineering labs for programming and debug tasks, where traditional fixtures would be too expensive.

Fixture kits are designed for end-user assembly with no special tools or experience. It is possible to put together an accurate, functional fixture using only a drill press, hand tools and some care; precision CNC machines are not needed.

## Kit Contents

Fixture kits include all the mechanical components of the fixture itself, mounting hardware, a set of hold-down posts and a printed Quick Start Guide. A full length Assembly Guide is downloadable.

Kits do not include test probes since the type and quantity required will vary by application.

## Features

Suitable for probing boards 1/32" (0.8mm) to 1/16" (1.6mm) thick using specified probes and supplied hold-down posts without adjustment.

Designed for easy assembly. Engraved grids and alignment features on pressure plate, probe plate and rear panel aid customisation.

Spring clip action holds fixture securely closed.

## Specifications

### Dimensions

|                  |                       |
|------------------|-----------------------|
| Probe plate size | 6" x 7" (152 x 178mm) |
| Max probing area | 5" x 3½" (125 x 90mm) |

### Materials

|                       |                        |
|-----------------------|------------------------|
| Pressure plate        | 0.220" (5.6mm) Acrylic |
| Probe plate           | 0.250" (6.3mm) MDF     |
| Front and rear panels | 0.220" (5.6mm) Acrylic |
| Clip                  | 0.125" (3.2mm) Delrin  |
| Hinge                 | Brass plate            |
| Hardware              | Stainless steel        |
| Hold-down posts       | Nylon                  |

### Compatible Probes

S-075 probe and R-075 receptacle  
S-100 probe and R-100 receptacle  
S-3 probe and R-3 receptacle  
S-4 probe and R-4 receptacle  
GP-2 probe

## Accessories

The rear panel incorporates a separate insert for connectors. Pre-cut inserts are available with holes for many common types including D-sub and rectangular connectors.

### Ordering

Fixture Kit, 6x7 MF300

For available accessories, see online store.