

## Master Strain Gage Application Kit

### FEATURES

- Includes supplies and special tools for making a wide range of strain gage installations for both laboratory and field applications.
- Successfully complete any organic strain gage installation for operation from  $-452^{\circ}$  to  $+500^{\circ}\text{F}$  ( $-269^{\circ}$  to  $+260^{\circ}\text{C}$ ).
- All materials, including complete instructions, conveniently packaged in a molded, crush-proof, copolymer toolbox. CSM Degreaser, previously supplied in this kit, is to be ordered separately, as needed.



### KIT CONTENTS

#### Surface Preparation Materials:

MCA-1, M-Prep Conditioner A, 1 bottle  
 MN5A-1, M-Prep Neutralizer 5A, 1 bottle  
 Silicon-Carbide Paper: 220, 320, 400 grit,  
 one 10-ft (3-m) roll each  
 CSP-1, Cotton Swab, 4 packages  
 GSP-1, Gauze Sponges, 2 packages  
 RSK-1, Rosin Solvent, two 1-oz (30-ml) bottles

#### Application Tools:

SSH-1, Surgical Shears  
 SSC-1, Surgical Scalpel and Blade  
 SSC-2, Scalpel Blades (5)  
 BTW-1, Tweezers  
 STW-1, Tweezers  
 DP-1, 4-H Drafting Pencil  
 DWC-1, Diagonal Cutters  
 DPR-1, Dental Probe (2)  
 NNP-1, Needle-Nosed Pliers  
 SSS-1, Steel Scale  
 SPT-1, Spatula  
 SPT-2, Spatula

#### Hardware:

PCT-2M, Gage Installation Tape, 2 dispenser rolls  
 PDT-3, Drafting Tape, 2 dispenser rolls  
 MJG-2, Mylar® Tape, 1 roll  
 HSC-1, No. 1 Spring Clamps (4)  
 HSC-2, No. 2 Spring Clamps (2)  
 HSC-3, No. 3 Spring Clamp (1)  
 TFE-1, Teflon® Film, 1 roll  
 GT-14, Pressure Pads and Plates Kit

#### Adhesives:

M-Bond 200, 1 kit  
 M-Bond AE-10, 1 kit  
 M-Bond 610, 1 kit

#### Soldering Supplies:

361A-20R, 1 lb (0.45 kg)  
 361A-20R-25, 1 roll  
 450-20S-25, 1 roll  
 570-28R-20, 1 roll  
 FAR-2 M-Flux AR, 1 kit  
 CPF-AST, Terminal Strip Assortment, 1 box

#### Leadwire:

134-AWP, 100 ft (30 m)  
 126-DWV: Red, White, Black, Green, one 100-ft (30-m) roll each  
 326-DFV, 100 ft (30 m)  
 130-FWT: Red, White, Black, Green, one 50-ft (15-m) roll each

#### Protective Coatings:

M-Coat A, two 1-oz (30-ml) bottles  
 M-Coat B, two 1-oz (30-ml) bottles  
 M-Coat C, 1-oz (30-ml) bottle  
 M-Coat D, 1-oz (30-ml) bottle  
 M-Coat F, 1 kit  
 3145 RTV Silicone Rubber, 3-oz (85-g) tub

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**Reference:** An adhesive selection table is provided in the "M-Bond Strain Gage Adhesives."



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