

Screen print supplies and accessories

Cleaning cloths • Squeegees • Blades • Blade holders • Tool plates • Gauges • Jigs

Screen print
supplies and
accessories
from AMI...

Add convenience, speed throughput, improve yield, and enhance productivity

In addition to our popular screen printers, AMI offers a variety of useful supplies and accessories to help speed and simplify set up and production, reduce effort, smooth work flow and produce higher yields. Many of these products are shown here; other products for screen printing may also be available—please tell us your requirements.

Shami[™] lint free polyester or twill weave cotton cleaning cloths

Shami lint free polyester cleaning cloths are ideal for cleaning or polishing screens, stencils, squeegees, spatulas, electronic equipment and general clean room use. *Shamis* are washable and retain their lint free properties over many use cycles; large size (9" x 9") and superior absorbency permit quick clean up with most cleaning solvents. Spun fibers facilitate thorough precious metal reclamation.

Twill weave cotton cleaning cloths are designed for general purpose applications, and are thicker than *Shami* cloths. *Twill* weave cloths are useful for most clean room applications and may also be used for cleaning or polishing screens, stencils, squeegees, spatulas, and precision equipment.

Screen printer squeegee blades, holders, and flood blades

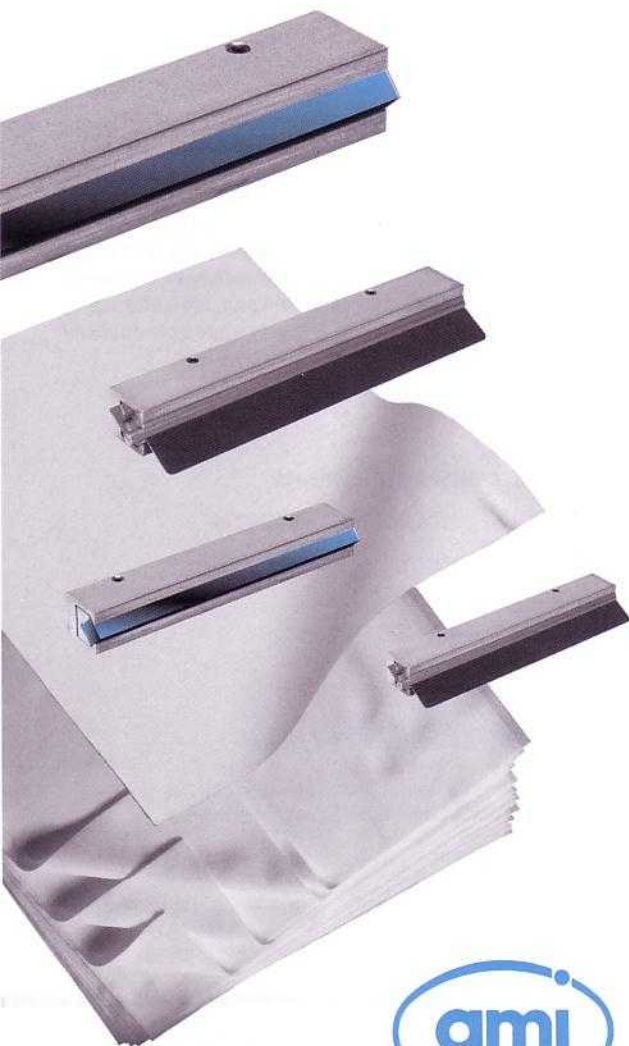
Metal or polyurethane blades in many styles and lengths, and blade holders in many configurations

AMI metal or polyurethane squeegee blades or flood blades are available in many different configurations, lengths, durometers, and tip angles for virtually all screen printing applications. Durometers range from 60 to 90, and tip angles are 45°, 60°, and 90° for most blades.

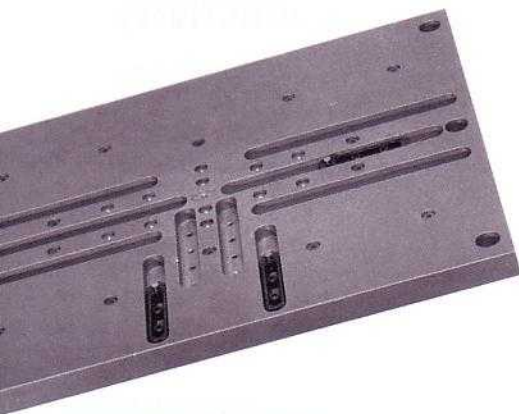
Metal blades are coated by a unique process called "electrolyzing" to reduce friction and enhance corrosion resistance for longer life. Less friction permits solder paste to roll easily along the blade length instead of sticking to it; it also helps enhance stencil life. Metal squeegee blades are available in lengths up to 20", and in two different types—adjustable angle stainless steel or trailing edge configurations. Stainless steel flood blades are available for virtually all AMI screen printers.

Two types of polyurethane blades are offered: 3/8" square and a trailing edge 1" x 3/8".

A full line of squeegee blade holders is also available, with many configurations ranging from 4" to 18".



AMI screen print accessories help make your job easier and more productive



Adjustable tool plates

Adjustable tool plates help speed and simplify parts placement for maximum accuracy. Tool plates accommodate substrate sizes from .375" x .500" through 21" x 21", permitting use with virtually all commercially produced substrate sizes for maximum versatility, and for prototype applications where costly tooling is not justifiable. Reconfiguring tool plates to accommodate different size substrates is simple and straightforward.

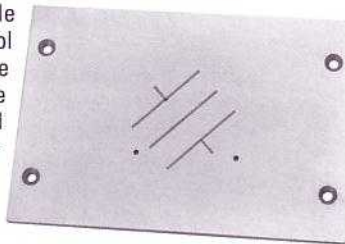
Screen leveling jigs

For quick and accurate leveling of screens and mounting plate assemblies, AMI screen leveling jigs help save time and add convenience. Jigs accommodate a variety of screen sizes.

Custom tool plates

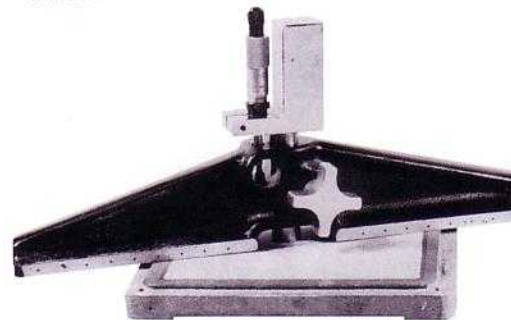
AMI designs and builds custom machined tool plates for production of hybrid and flexible circuits, and printed circuit boards. Tool plates for hybrid microelectronic circuits are available with mechanical or manual snuggers, and three-pin adjustable edge references using tungsten-carbide pins or bearings. Tool plates for flexible circuits such as LTCCs, etc. are offered with porous stone inserts or in simulated stone with vacuum hole perforations. Tool plates for PCBs are available for single or double-sided boards, with two-pin, tungsten-carbide tooling hole references.

All AMI tooling plates provide secure, reliable substrate positioning for accurate circuit production. They are hard coated, and may also be Teflon impregnated to minimize friction and extend useful life.



Screen tension gauges

AMI screen tension gauges help maintain precise screen tension to enhance productivity and increase yields. Gauges may be used with virtually any screen up to 12" x 12"; they set up for calibration easily in less than a minute.



Screen emulsion thickness gauges

Screen emulsion thickness gauges permit fast, accurate determination of screen and emulsion thicknesses for better process control. They provide reliable and repeatable results, and are available with analog or digital readouts. Use is simple and straightforward, and the gauges will help speed productivity while adding yields.

In addition to our full line of screen print supplies and accessories, AMI offers related products including:

- Precision printers for hybrid microelectronics applications
- Stand-alone and in-line screen and stencil printers and systems
- Manual and automatic vision alignment systems
- Substrate handling and automation systems
- In-line conveyors/dryers

How to get more information...

For more information on any of the products described here—including technical/applications data and pricing information—please get in touch with us. We'll be pleased to respond to your request promptly.



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