# GTCO Surface–Lit™ AccuTab™ Digitizer

## ■ Cool Working Surface

Surface lighting does not heat the work surface as with a conventional fluorescent light box. This eliminates errors from the heating of the map or drawing being digitized, and improves operator comfort.

## ■ Thin Profile

At one third the thickness of a conventional back-lit digitizer, the Surface–Lit AccuTab provides more legroom for the operator, resulting in a more ergonomic digitizing position.

## ■ Lightweight

Weighing half of a conventional back–lit, the Surface–Lit AccuTab is safer to use and does not require an expensive motorized pedestal. Plus the light weight results in lower shipping costs.

## ■ Energy Saving

Surface lighting uses less than half the bulbs and consumes less energy than a conventional back–lit.

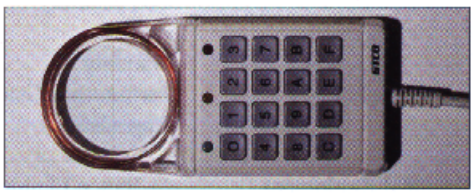
## ■ 5 Year Performance Guarantee

GTCO stands behind the Surface–Lit AccuTab with an exclusive 5 year Limited Performance Guarantee covering resolution, repeatability, and accuracy, plus a 5 Year Limited Warranty.

**High Performance Digitizer Systems for GIS and Mapping Professionals**

## ■ High Precision Transducers

The Surface–Lit AccuTab comes standard with a 16 button cursor with an optical quality glass reticle with ultra fine etched crosshairs.



## ■ Compatibility

AccuTab is supported by all leading GIS, Mapping, and CAD software.

## ■ Ease of Use

GTCO's exclusive AccuSet™ menu allows simple one step digitizer configuration for all leading software applications. So, switching between applications is quick and easy.

**GTCO Corporation** *Precision Digitizers Since 1975*
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## Specifications

| | Active Area | Footprint | Weight | Avg. Ship Wt. |
|---|---|---|---|---|
| Model 3648 | 36" x 48" (A0, 914 mm x 1219 mm) | 47" x 63" (1194 mm x 1600 mm) | 102 lbs. (46 kg) | 130 lbs. (59 kg) |
| Model 2436 | 24" x 36" (A1, 610 mm x 914 mm) | 35" x 48" (889 mm x 1219 mm) | 68 lbs. (31 kg) | 90 lbs. (41 kg) |
| Model 2024 | 20" x 24" (508 mm x 610 mm) | 31" x 36" (787 mm x 914 mm) | 50 lbs. (23 kg) | 70 lbs. (32 kg) |
| Model 4260 | 42" x 60" (1067 mm x 1524 mm) | 55" x 71" (1400 mm x 1803 mm) | 153 lbs. (69 kg) | 193 lbs. (88 kg) |

**Standard Equipment**

AccuTab Surface–Lit tablet with controller (patented electromagnetic technology)
16 Button Cursor with optical quality glass reticle and ultra fine etched crosshairs
Power Supply
RS232C Interface Cable, 9 to 25 pin adaptor
ADI, Windows, and mouse drivers
Pedestal Mounting Brackets
AccuSet Menu

**Standard Features**

| | |
|---|---|
| Thickness | 1.6" (40 mm) surface, 2.2" (57 mm) edges |
| Surface | High impact, colorfast, acrylic |
| Resolution | Up to 0.00025" (4000 lpi), 0.006 mm (150 lpmm) |
| Absolute Accuracy | ±0.005" standard accuracy (±0.127 mm) |
| (Written Certification) | ±0.003" optional accuracy (±0.076 mm) |
| | ±0.0075" optional accuracy (±0.190 mm) |
| Repeatability | 1 LSB (least significant bit) |
| Proximity | 0.5" (13 mm) nominal |
| Output Formats | GTCO Type 5/5A Binary and ASCII, Summagraphics Microgrid, CalComp 9500 |
| Interface | RS232C |
| Self Diagnostics | Automatic testing of tablet, drive electronics, and microprocessor |
| Operating Modes | Point, Line, Continuous, Line and Continuous Incremental, Remote Request |
| Baud Rates | 1200 to 38,400 |
| Power Supply | 100/120/22/240 VAC, 50/60 Hz |
| Operating Temperature | 41 to 115°F (5 to 46°C) |
| Humidity Range | 10–90%, non–condensing |
| Storage Temperature | 0 to 150°F (-18 to 68°C) |
| Altitude Range | 0 to 10,000 feet, 0 to 3077 meters |
| Certification | FCC–B, ETC (UL), CE (VDE), CSA |
| Cursor Switches | Elastomeric keypad, rated life over 1 million actuations |
| Illuminance | 2900 Lux (variable) |
| Color Temperature | 5000 K (natural sunlight) |
| Compatibility | Compatible with all leading hardware and software on PC and workstation platforms, including MicroStation® and ESRI® Arc/INFO® (level one) |
| Warranty | Five Year Limited US Warranty, Free Technical Support |
| Performance Guarantee | Five Year Limited Performance Guarantee |
| Upgradability | The opaque AccuTab can be upgraded to the Surface–Lit AccuTab at the factory |

**Optional Equipment and/or Accessories**

16 Button Illuminated Cursor
4 Button ClearVu™ Cursor
Red Bullseye Reticle for Cursor
Magnifier
Binary Stylus
WINTAB Driver
Pedestal Mounting Bases

GTCO was awarded a patent for the invention of the world's first absolute–position electromagnetic digitizing technology nearly 20 years ago. Since then, GTCO has produced, installed and now supports over 100,000 precision digitizer systems in 50 countries around the world.

**Represented By:**

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