ilco®

Keyed To Quality And Locked Into Service℠

UNIVERSAL™ II

THE ULTIMATE "CARD TYPE" CODE MACHINE!

The UNIVERSAL II™

Best Features, Best Value,... Best Choice.

The ultimate "card type" code machine for originating commercial/residential and automotive keys.

The universal II allows the operator to cut different keys in seconds:

- **Simply insert the code card for the intended lock application into the machine**
- **Create the desired cuts by rotating the machine's depth and spacing cranks**
- **Change to another manufacturer or application by removing the original code card and inserting another**

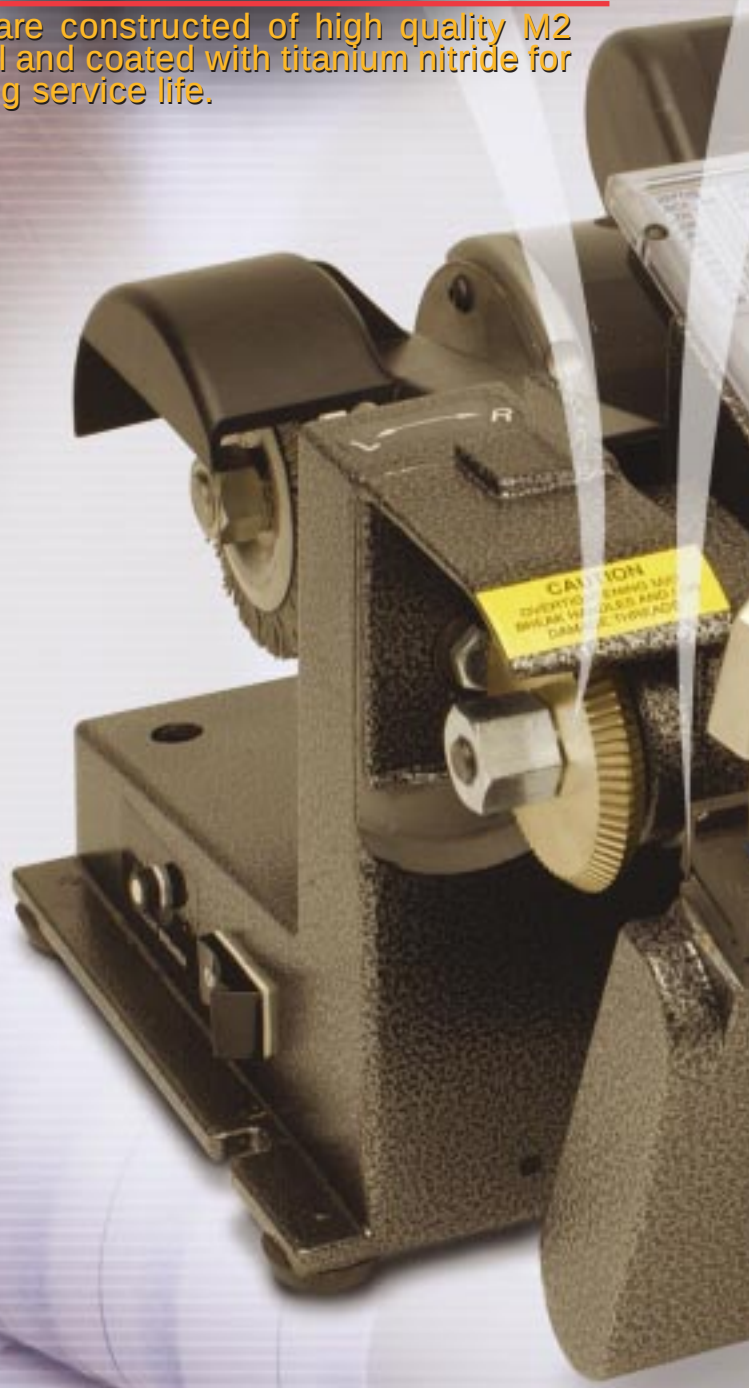
Code cards are identified by both lock manufacturer and Ilco card number. Easy-to-use, informative cards include space and depth markings and tables, the correct cutter to use, vise jaw position, key gaging method, and correct key blank.

Features

- **Utilizes code cards, allowing the operator to change the machine setup quickly and add new applications at minimal cost.**
- **Easy view code card design enhances accuracy and speed.**
- **Superior dial depth adjustment system provides quicker, more precise calibration.**
- **"Flapper style" key blank alignment gage ensures accurate, level key placement.**
- **Titanium nitride coating provides extra long cutter life.**
- **Quick rate depth and spacing drive shafts speed up the key cutting process.**
- **Up-to-date card selection covers current key applications.**
- **Tilting cutter head for making angled cuts on Medeco® keys and similar types.**
- **Capacitor start motor enables use with 12 volt DC power inverters.**
- **Durable powder coat finish.**

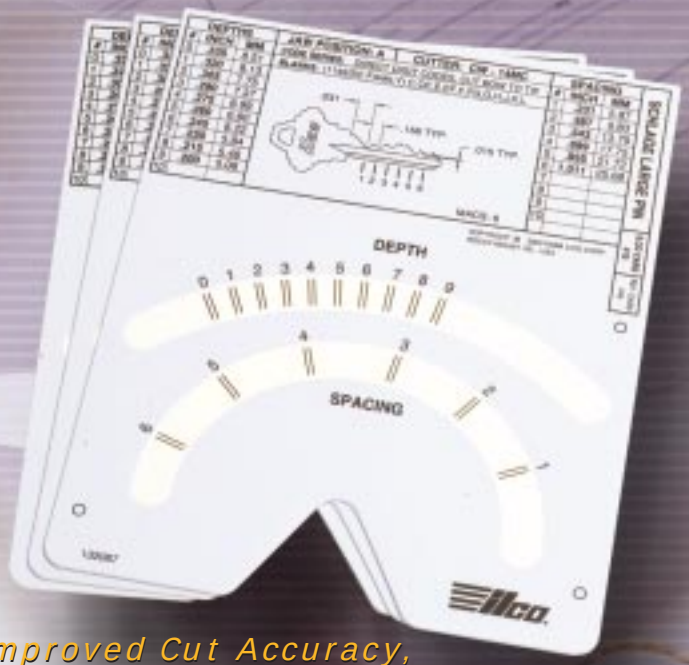
Long Life Titanium Nitride Coated Cutters

Cutters are constructed of high quality M2 tool steel and coated with titanium nitride for extra long service life.



Greater Key Blank Alignment Accuracy

The Universal™II Key Alignment Gage contacts a wider portion of the blade of the key blank ensuring level, accurate key placement within the machine's vise jaw. This feature normally found on higher priced electronic units, is extremely useful when cutting double-sided automotive keys.



Improved Cut Accuracy, With Less Eye Fatigue

Easy view code cards supplied with the Universal™II incorporate special depth and spacing markings that let the user know when they are "centered" on each depth and space position. Operating speed and accuracy are significantlly improved. Easy view code cards and HPC code cards are interchangeable on the Ilco Universal™II and the HPC Code Card Machine.

Quick and Simple Depth Calibration

A special "dial type" depth adjustment system eliminates the guesswork; provides greater precision and ease when performing this important task.

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Technical Specifications

MODEL NUMBER	Universal II
VOLTAGE	110VAC/3.5 Amps Standard (220VAC Available late 2003)
MOTOR	1/4hp (capacitor start type)
WEIGHT	37.5lbs (17.04kg.)
DIMENSIONS	12" Wide x 14" Deep x 10" High

Included Accessories

- Code Cards: 112 Commercial/Residential/Automotive code cards /8 micrometer cards
- Binder with code card holders
- Standard and U-shaped tipstops
- Steel stabilizer shim
- T14MC and TCW-1011 cutters
- Tools to change cutters and adjust machine

Optional Accessories (Available through your Ilco distributor)

- TCW-90MC Cutter 90º Angle; special cutter for most IC Core applications
- TCW-47MC Cutter 87º Angle; required for some automotive applications
- TCW-20FM Cutter 76º Angle; for Sargent® Keys
- Various supplemental code cards are available
- New items added as they become available

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