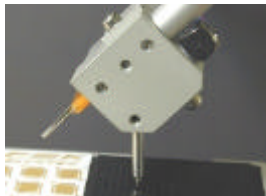




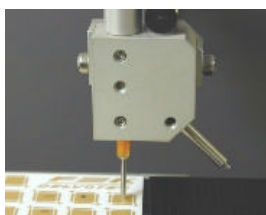
555E

Manual Epoxy and Pick & Place Die Bonder

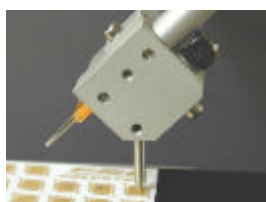
F&K Delvotec is pleased to be the exclusive worldwide distributor of FMI's manual die bonder, Model 555E. This economical, robust and simple to operate machine provides for both epoxy time pressure dispensing and vacuum pick and place from waffle pack, GelPak or bulk die media. The machine is supplied with a standard basic work holder, microscope and work area lighting to provide a turnkey solution for R&D and small production requirements. The 555E offers work sensing, pure vertical motion and an 8:1 ratio platform. The programmable dispense timer and adjustable air pressure on the front panel offer easy adjustments for a variety of applications.



Pick



Dispense

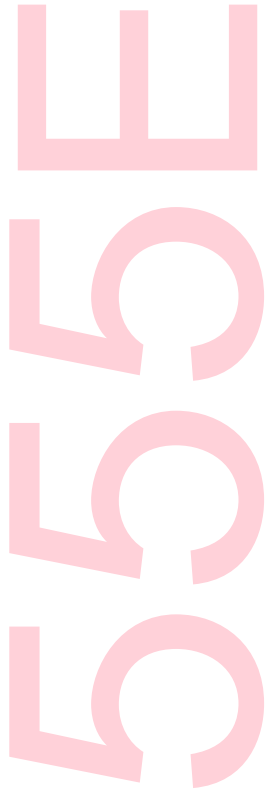


Place

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Specification

228 mm square
25 mm
3 cc
Per request
Per request
Nikon SMZ 660
White L.E.D.
Programmable, 0.1 ms to 999 hrs
Adjustable between 8:1 and 4:1
25 mm square
30-150 cN
60 psi
Programmable logic (PLC)
Electrical, low voltage
456 mm (H) 430 mm (D)
506 mm (L)
CE, ISO 9001
F&K Delvotec Bondtechnik GmbH
115 V/ 230 V (with transformer)
Required

Work platform
Z-range
Epoxy syringe
Dispense needle
Pick-up collet
Microscope
Lighting
Timer range
X/Y Platform ratio
X/Y Platform movement
cN
Air pressure
Controller
Work surface sensor
Overall dimensions

Quality assurance

Line requirements
Air / vacuum

Material Input

up to 4" x 4"
flat pack, DIL, DIP, TO, COB,
various
2" x 2", random

Substrate size
Substrate types

Waffle packs,
gel-packs, bulk die

Work Holders



Standard work holder

Custom application specific work holders are available upon request

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The 555E is a product of FMI
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