

製造科技研究所
Institute of Manufacturing
(Mfg.) Technology

製造管理與精實生產系統
Mfg. Management and
Lean Production Systems

先進製程-智慧製造自動化-實驗室
Advanced Processes and
Intelligent Manufacturing
Automation Group (APIMAG)



O: 綜科 228
#2068

L: 綜科 B1-1
#2050

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■ 研究領域 由先進製程導入元件/解決方案，整合智能製造，落實自動化的充分要素，營建精實價創平台

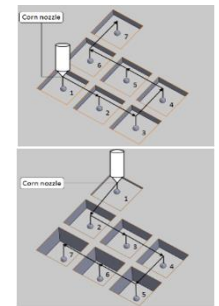
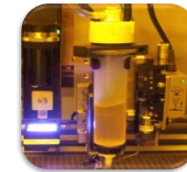
- 近期研究主題
- 物聯網工程科技多能工培訓
 - 類產線工程教育創新
 - 製造科學先進製程實務型研究
 - 精實生產系統持續改善
 - 製造管理方法實務型研究
 - 機電整合實務型研究
 - 電腦輔助模擬與模擬器應用

■ Research Area Total solution or device development for advanced processes, integrated intelligent manufacturing, automation as sufficient factors, value-added production platform

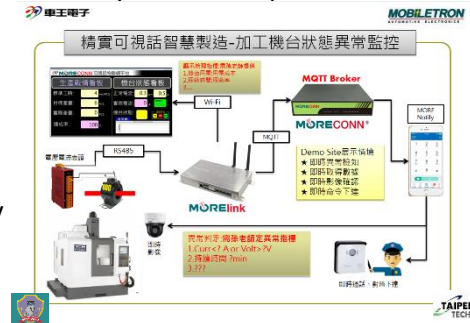
- Recent Topics
- Web and Internet of Things (WIoT)-based multiple skills training
 - Realistic production lines engineering education innovation
 - Production flow control
 - Lean production for continuous improvement
 - Advanced processes interdisciplinary research
 - Mechatronics application research
 - Computer aided simulation and simulator integrated applications



人造鑽石薄膜製程
Processes of Diamond Films Fabrication



科技部計畫：網宇實體系統應用於血醣
酵素試片製程路徑規劃最佳化發展
Government-funded Project: Cyber
Physical System (CPS)-based Simulation on
Enzyme Test Strip Fabrication



產學處計畫：物聯網工程科技多能工培訓
Academia-Industry Alliance Project:
WIoT-based Multiple Skills Training