

PROTOTYPE **Plus**™ Quick Turn Tooling with Production DNA



PROTOTYPE **Plus**™

Service Description	Traditional Prototyping	PROTOTYPE Plus ™
Customer owns tool	In some cases "NO"	YES Customer owns tooling, fixtures and 3D design
Ability to modify (engineering change)	In most cases "NO" May need to purchase new tool	YES Allowing adjustment of critical areas
Cut from your CAD without limitations	NO If it can't be cut on CNC	YES Sinker EDM, wire and high speed CNC limitless
Ability to run Hi Temp Engineered resins	NO Typically mold temp cannot exceed 250° F	YES Can run resin such as Peek (450° F)
Ability to run custom colored resins	NO Or limited selections	YES Limitless, AIM will work with customer supplied material or purchase material
Ability to overmold	Hit or Miss	YES In vertical or horizontal
True two shot availability	NO	YES In as little as 2 weeks
Full material traceability	Typically Limited	YES Robust ERP system offering full traceability
Provide gate freeze study	NO	YES AIM's regimented process includes this
Fill customers production demand	RISKY	FULLY CAPABLE
Provide process validation	NO	LEVEL 1, 2 or 3
Ability to provide aluminum, mild/hard tool steel	NO Typically limited to soft tooling	YES
Tool life warranty	NO	YES Tell us what you need and we will get you there
Full secondary operation including pad printing / light assembly / thermal inserting	Typically NO	YES
Material moisture analysis	Typically "NEVER"	YES Material moisture analysis provided on every job "it's just what we do"
All manufacturing equipment has gone through EIOQ (Equipment Install Operational Qualification)	NO How do you know are processing within "manufacturers parameters" if the machine has not received EIOQ	YES
All employees are trained in cGMP (Current Good Manufacturing Practice)	NO	YES Documented training
Prototype-Plus™ tooling can be ran in our class 100,000 Cleanroom	NO Typically not available	YES
SPC quality checks	NO	YES
Continuous Process Improvement throughout operation (mitigating risk)	NO	YES Always making ourselves better
Make inspection fixtures as req'd (same fixture used for incoming)	Perhaps Typically involves 3rd party	YES AIM builds inspection fixture (no 3rd party needed)



[616] 245-0214 • medbioinc.com

