

Anritsu

Plastic housings



The challenge

Measuring instrument device manufacturer, Anritsu needed housing for various configurations of their handheld systems. Each of the devices required a different plastic housing solution and custom plastic decorating.

Project goals

- Consolidate supply chain to one supplier and streamline manufacturing
- Create custom value-added plastic assembly solution

The solution

Thanks to GMN's plastic injection molding capabilities, compression molding and plastic decorating capabilities, Anritsu was able to procure multiple variations of the needed housings for their handheld field testing units from one supplier. GMN's unique ability to provide complete decorated plastics components resulted in a successful collaboration and the creation of a truly "value-added" part.

MULTIPLE
PART
VARIATIONS
FROM ONE
SUPPLIER

The clamshell-style injection molding housings feature various plastic decorating and assembly capabilities, including thermally inserted brass components and vacuum shielding installed by GMN. In addition, GMN supplied a rubber key pad bezel and over molded turn dial button for

some models of Anritsu's hand held devise.

CASE STUDY

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The keypad bezel is compression molded clear plastic that is spray painted to match the color of the housing and decorated appropriately. Due to the environment of these hand-held devices, for added durability and ruggedness, the housings also feature over molded bumpers on the sides or top and bottom in various colors. Lastly, we also supply a plastic nameplate for the units.

In the end, the final parts meet all the functional and aesthetic needs that Anritsu required for the project, but from one source. Thanks to GMN's diverse plastic decoration and molding capabilities, the customer was able to use one supplier to fulfill multiple manufacturing needs – consolidating their supply chain and making the process simpler!

C U S T O M
PLASTIC
D E C O R A T I O N

