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// -----
// The Pocket Pivot Screener
//
// ver 0.5 - using max volume of a down day in the past 10 days
//
// -----

// Basic criteria

minPrice = 0.05

minVol = 10000

daysToConfirmUpTrend = 100

// Only scan leading stocks above minimal price and 40 day moving average of
// Volume is above 500000]
cVol1 = (Close > minPrice AND Average[40](Volume) > minVol)

// Trend is up and Today is an up day
cPrc1 = (Close > Average[daysToConfirmUpTrend](Close) AND Close > Open)

// Today's volume should be larger than the volume of the highest down day over the
// last 10 days

maxDay = 11

maxDownDay = 0

maxDown = 0

```

FOR d = 1 TO maxDay DO

r = Close[d] - Open[d]

IF r < 0 and Volume[d] > maxDown THEN

maxDown = Volume[d]

maxDownDay = d

ENDIF

NEXT

IF maxDownDay = 0 THEN

maxDownDayVol = 0

ELSE

maxDownDayVol = Volume[maxDownDay]

ENDIF

cVol2 = (Volume > maxDownDayVol)

// Prices just moved above 10 or 50 day SMA and [[close x SMA(10,close)] or [close x SMA(50,close)]]

cPrc2 = (Close >= Average[20](Close))

cPrc3 = (Close CROSSES OVER Average[10](Close) OR Close CROSSES OVER Average[50](Close))

// ** Other criteria to try **

// Short-Term Uptrend : 9 day MA above 20 day MA

cPrc10 = (Average[9](Close) > Average[20](Close))

// Close in Upper Half of Daily Range

cPrc11 = (Close > (High + Low) * 0.5)

// In Short-term Consolidation: close < highest high of 10 Days

cPrc12 = (Close[1] < highest[10](High))

// Not Extended or Already Broken Out: Close < highest close of 65 days

cPrc13 = (Close < highest[65](Close))

// initialise the screener

SCREENER[cPrc1 AND cPrc2 AND cPrc3 AND cVol1 AND cVol2 AND (cPrc10 OR 1)
AND (cPrc11 OR 1) AND (cPrc12 OR 1) AND (cPrc13 OR 1)]